

# NASA TECHNICAL MEMORANDUM

NASA TM-82397

## AVE SESAME VI: 25-MB SOUNDING DATA

By Meta E. Sienkiewicz, Luke P. Gilchrist, and  
Robert E. Turner

(NASA-TM-82397) AVE-SESAME 6: 25-MB  
SOUNDING DATA (NASA) 305 p HC A14/MF A01

N81-18607

CSSL 04B

Unclas  
G3/47 41465

January 1981



NASA

*George C. Marshall Space Flight Center  
Marshall Space Flight Center, Alabama*

TECHNICAL REPORT STANDARD TITLE PAGE			
1. REPORT NO. NASA TM-82397		2. GOVERNMENT ACCESSION NO.	
4. TITLE AND SUBTITLE  AVE-SESAME VI: 25-mb Sounding Data		5. REPORT DATE January 1981	
		6. PERFORMING ORGANIZATION CODE	
7. AUTHOR(S) Meta E. Sienkiewicz,* Luke P. Gilchrist,** and Robert E. Turner		8. PERFORMING ORGANIZATION REPORT #	
9. PERFORMING ORGANIZATION NAME AND ADDRESS  George C. Marshall Space Flight Center Marshall Space Flight Center, Alabama 35812		10. WORK UNIT NO.	
		11. CONTRACT OR GRANT NO.	
12. SPONSORING AGENCY NAME AND ADDRESS  National Aeronautics and Space Administration Washington, D.C. 20546		13. TYPE OF REPORT & PERIOD COVERED  Technical Memorandum	
		14. SPONSORING AGENCY CODE	
15. SUPPLEMENTARY NOTES  Prepared by Space Sciences Laboratory, Science and Engineering Directorate * Texas A&M University ** Permanent Address: U. of Tennessee Space Institute, Tullahoma			
16. ABSTRACT  This report describes the rawinsonde sounding program for the AVE-SESAME VI experiment and presents tabulated data at 25-mb intervals from the surface to 25 mb for the 23 National Weather Service and 15 special stations participating in the experiment. Soundings were taken at 3-h intervals beginning at 1200 GMT on June 7, 1979, and ending at 1200 GMT on June 8, 1979 (nine sounding times). The method of processing is discussed briefly, estimates of the rms errors in the data presented, an example of contact data given, reasons given for the termination of soundings below 100 mb, and soundings listed which exhibit abnormal characteristics.			
17. KEY WORDS Meteorology Meteorological Data Sounding Data Atmospheric Variability Severe Storms Mesoscale Adverse Weather		18. DISTRIBUTION STATEMENT  Unclassified—Unlimited  <i>Robert E. Turner</i>	
19. SECURITY CLASSIF. (of this report)  Unclassified	20. SECURITY CLASSIF. (of this page)  Unclassified	21. NO. OF PAGES  304	22. PRICE  NTIS

# TABLE OF CONTENTS

	Page
LIST OF FIGURES . . . . .	iv
LIST OF TABLES . . . . .	iv
1. <u>Introduction</u> . . . . .	1
2. <u>The AVE-SESAME VI Experiment</u> . . . . .	3
3. <u>Discussion of Basic Data</u> . . . . .	3
3.1 <u>Collection of the Data</u> . . . . .	3
3.2 <u>Methods of Processing</u> . . . . .	3
4. <u>Discussion of Sounding Data</u> . . . . .	6
4.1 <u>Accuracy Estimates</u> . . . . .	6
4.2 <u>Tabulated Data</u> . . . . .	6
4.3 <u>Soundings with Abnormal Characteristics</u> . . . . .	8
REFERENCES . . . . .	18
APPENDIX I . . . . .	19
APPENDIX II . . . . .	277

## LIST OF FIGURES

Figure		Page
1	Location of rawinsonde stations participating in the AVE-SESAME VI experiment . . . . .	5

## LIST OF TABLES

Table		Page
1	Summary of AVE-SESAME experiments . . . . .	2
2	Rawinsonde stations participating in the AVE-SESAME VI experiment . . . . .	4
3	Estimates of the RMS errors in thermodynamic quantities of AVE-SESAME VI . . . . .	7
4	Estimates of RMS errors in AVE-SESAME VI wind data .	7
5	Example of contact sounding data for AVE-SESAME VI .	9
6	Explanation of column headings of tabulated sounding data for the AVE-SESAME VI experiment . . . . .	13
7	Soundings missing or terminated before completion (100 mb) for AVE-SESAME VI . . . . .	14
8	List of soundings with questionable data in AVE-SESAME VI . . . . .	16
9	Corrections to surface pressure supplied by NSSL and used in processing the AVE-SESAME VI data . . . . .	17
10	AVE-SESAME VI soundings with relatively large variations in balloon rise rate . . . . .	17



AVE-SESAME VI: 25-mb SOUNDING DATA

by

Meta E. Sienkiewicz<sup>1</sup>  
Texas A&M University  
College Station, Texas

Luke P. Gilchrist<sup>2</sup>  
NASA Marshall Space Flight Center  
Huntsville, Alabama

Robert E. Turner<sup>3</sup>  
NASA Marshall Space Flight Center  
Huntsville, Alabama

1. Introduction

In the spring of 1979, NASA participated in six Atmospheric Variability Experiment - Severe Environmental Storm and Mesoscale Experiments (AVE-SESAME). The dates, observation times and data reports for each of these are listed in Table 1. A more complete listing of all of NASA's previous Atmospheric Variability Experiments (AVE) is given by Williams, et al. (1980b). The present report contains data for the sixth AVE-SESAME experiment (7-8 June 1979).

This report is primarily a data document containing rawinsonde data taken at both National Weather Service and special stations during AVE-SESAME VI. A description of the data processing method along with the computer program for computing soundings and an error analysis have been presented by Fuelberg (1974). A description of the synoptic conditions, observed weather, selected satellite photographs, and summaries of severe and unusual weather events compiled from teletype reports are presented in a separate report entitled, "A Preliminary Look at AVE-SESAME VI Conducted on 7-8 June 1979." That report is being printed concurrently with this data report.

---

<sup>1</sup>Research Assistant

<sup>2</sup>Research Assistant

<sup>3</sup>Chief, Environmental Applications Branch, Atmospheric Sciences Division,  
NASA/MSFC

Table 1. Summary of AVE-SESAME experiments.

Experiment	Dates	Observation Times	Data Reports	Preliminary Look Reports
AVE-SESAME I	10-11 April 1979	4/10 - 12, 15, 18, 21, 4/11 - 00, 03, 06, 09, 12	Gerhard, <u>et al.</u> (1979)	Williams, <u>et al.</u> (1980e)
AVE-SESAME II	19-20 April 1979	4/19 - 12, 15, 18, 21, 4/20 - 00, 03, 06, 09, 21	Williams, <u>et al.</u> (1980a)	Williams, <u>et al.</u> (1980c)
AVE-SESAME III	25-26 April 1979	4/25 - 12, 15, 18, 21, 4/26 - 00, 03, 06, 09, 12	Williams, <u>et al.</u> (1980b)	Williams, <u>et al.</u> (1980d)
AVE-SESAME IV	9-10 May 1979	5/09 - 12, 15, 18, 21, 5/10 - 00, 03, 06, 09, 12	Sienkiewicz, <u>et al.</u> (1980)	July and Turner (1980)
AVE-SESAME V	20-21 May 1979	5/20 - 12, 15, 18, 21, 5/21 - 00, 03, 06, 09, 12	In Preparation	In Preparation
AVE-SESAME VI	7-8 June 1979	6/7 - 12, 15, 18, 21, 6/8 - 00, 03, 06, 09, 12	This Report	July and Turner (In Publication)

## 2. The AVE-SESAME VI Experiment

Twenty-three National Weather Service stations and fifteen special rawinsonde stations participated in the AVE-SESAME VI experiment. A list of these stations is presented in Table 2, and their locations are shown in Fig. 1. Soundings were taken at nine times: June 7, 1979, at 1200, 1500, 1800, and 2100 GMT, and June 8, 1979, at 0000, 0300, 0600, 0900, and 1200 GMT. The special stations did not run the last four soundings (0300 - 1200 GMT).

National Weather Service stations participating in AVE-SESAME VI were spread throughout the South Central United States. Special stations were grouped in a storm-scale network in Oklahoma and Texas.

## 3. Discussion of Basic Data

3.1 Collection of the Data. Raw data from each rawinsonde station were collected by the National Severe Storms Laboratory (NSSL), Norman, Oklahoma, and forwarded to the Atmospheric Sciences Division, NASA, Marshall Space Flight Center (MSFC), Alabama. After initial processing, these data were forwarded to Texas A&M University where complete soundings were computed using the university's Amdahl 470 V/6 computer.

3.2 Methods of Processing. The procedure used to compute the soundings is that used for previous AVEs and is described by Fuelberg (1974). All keypunched data were checked for errors by calculating centered differences on the input data. Additional checks include centered differences on computed winds and checks on lapse rates of computed temperatures and dewpoints. Constant pressure charts were plotted for the large-scale and storm-scale networks, and time cross sections were analyzed for each station. Suspected errors were checked with the original strip chart information and appropriate corrections made.

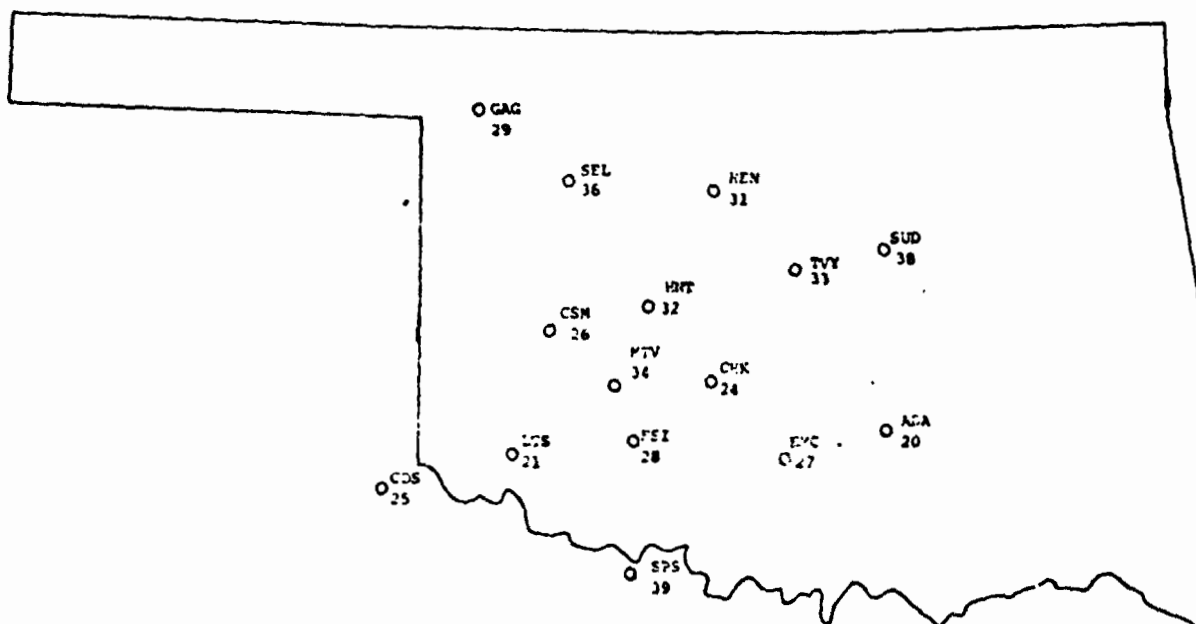
The final data set of the AVE-SESAME VI experiment consists of data computed at each pressure contact and at 25-mb intervals. Thermodynamic quantities were computed at each pressure contact, while winds were computed from the available 30- or 60-s interval angle data by means of centered finite differences and subsequently interpolated to each contact or 25-mb level.

Table 2. Rawinsonde stations participating in the AVE-SESAME VI experiment.

Station Number	Location
<u>NWS Stations</u>	
229 (CKL)	Centerville, AL
232 (BVE)	Boothville, LA
235 (JAN)	Jackson, MS
240 (LCH)	Lake Charles, LA
247 (GGG)	Longview, TX
255 (VCT)	Victoria, TX
260 (SEP)	Stephenville, TX
261 (DRI)	Del Rio, TX
265 (MAF)	Midland, TX
270 (ELP)	El Paso, TX
327 (BNA)	Nashville, TN
340 (LIT)	Little Rock, AR
349 (UMN)	Monett, MO
353 (OKC)	Oklahoma City, OK
363 (AMA)	Amarillo, TX
365 (ABQ)	Albuquerque, NM
433 (SLO)	Salem, IL
451 (DDC)	Dodge City, KS
456 (TOP)	Topeka, KS
469 (DEN)	Denver, CO
532 (PIA)	Peoria, IL
553 (OMA)	Omaha, NE
562 (LBF)	North Platte, NE
<u>Special Stations</u>	
020 (ADA)	Ada, OK
021 (LTS)	Altus, OK
024 (CHK)	Chickasha, OK
025 (CDS)	Childress, TX
026 (CSM)	Clinton Sherman, OK
027 (EMC)	Elmore City, OK
028 (FSI)	Ft. Sill, OK
029 (GAG)	Gage, OK
031 (HEN)	Hennessey, OK
032 (HNT)	Hinton, OK
033 (TVY)	KTVY, OK
034 (MTV)	Mountain View, OK
036 (SEL)	Seiling, OK
038 (SUD)	Stroud, OK
039 (SPS)	Wichita Falls, TX



a. NWS rawinsonde stations



b. Special rawinsonde stations

Fig. 1. Location of rawinsonde stations participating in the AVE-SESAME VI experiment.

The following procedures were employed in the processing of these data. These procedures differ from those described by Fuelberg (1974).

(1) Humidity values, including dew-point temperatures, were computed only at temperatures above  $-40^{\circ}\text{C}$ ; at temperatures below  $-40^{\circ}\text{C}$ , humidity values are missing and are indicated by a field of nines (i.e., 99.9). Moisture values were computed if the relative humidity exceeded 1%. If the value was below 1%, it was set equal to 1% and used in the computation of other moisture variables.

(2) Winds based on low elevation angles are denoted by asterisks. One asterisk denotes angles less than  $10^{\circ}$  but greater than  $6^{\circ}$ , while two asterisks denote angles less than  $6^{\circ}$ . Caution must be exercised in the use of data at low elevation angles since it is subject to rather large RMS errors.

(3) Wind direction and speed were determined for 25-mb levels by interpolating contact values of the u- and v-components.

In processing the data, only those corrections were made that were known to be valid or were provided by NSSL.

#### 4. Discussion of Sounding Data.

4.1 Accuracy Estimates. Estimates of the RMS errors in the wind and thermodynamic quantities of the AVE-SESAME VI data are the same as those for all previous AVEs and are given by Fuelberg (1974). The error estimates for thermodynamic variables are presented in Table 3.

The RMS errors for wind speed and direction are difficult to describe since they are a function of tracking geometry and other factors. Maximum RMS errors for winds (speed and direction) computed at 30-s intervals (based on the worst geometric tracking configuration) for 10 and 40 deg elevation angles are presented in Table 4. The accuracy of the wind data at pressure contacts and at 25-mb intervals is greater than that stated for the 30-s winds because of the added smoothing and interpolation performed. In addition, the errors stated for the 30-s wind were maxima for the stated conditions.

4.2 Tabulated Data. An example of AVE-SESAME VI contact data is given in Table 5, with the explanation of column headings in Table 6. The first line of data for the time 0.0 minutes is surface data. A

Table 3. Estimates of the RMS errors in thermodynamic quantities of AVE-SESAME VI.

Parameter	Approximate RMS Error
Temperature	0.5°C (Fuelberg's value is 1°C)
Pressure	1.3 mb from surface to 400 mb; 1.1 mb between 400 and 100 mb; 0.7 mb between 100 and 10 mb.
Humidity	10 percent
Pressure Altitude	10 gpm at 500 mb; 20 gpm at 300 mb; 50 gpm at 50 mb.

Table 4. Estimates of RMS errors in AVE-SESAME VI wind data.

Pressure	RMS errors ( $\text{m s}^{-1}$ ) in speed		RMS errors (deg) in direction	
	10 deg el.	40 deg el.	10 deg el.	40 deg el.
700	2.5	0.5	9.5	1.3
500	4.5	0.8	13.4	1.8
300	7.8	1.0	18.0	2.5

series of nines is used to indicate missing data. The three numbers in the upper right-hand corner are the number of pressure levels computed, the minimum pressure obtained (mb), and an angle identifier with the value 0 for 30-s angle input and 1 for 1-min angle input. The contact and 25-mb data are available in paper form or on magnetic tape from the Space Sciences Laboratory, Atmospheric Sciences Division (ES84), George C. Marshall Space Flight Center, Alabama 35812.

The contact data interpolated to 25-mb intervals are presented in Appendix I. The column headings are identical to those used for the contact data and are described in Table 6. The soundings are arranged by station number and appear in ascending order by time for each station. National Weather Service stations are presented first, followed by special stations. The first line of each sounding is surface data, followed by data from 1000 to 25 millibars (or to termination) successively. For the 25-mb levels where the pressure is greater than the surface pressure, missing data (nines) are indicated for each quantity. This is also done for 25-mb levels above the sounding termination point.

A listing of those soundings that were missing or were terminated before completion is given in Table 7 along with the reason for early termination.

4.3 Soundings with Abnormal Characteristics. Sounding data collected during the AVE-SESAME VI experiment were generally found to be of good quality following processing and rigorous error checking. Nevertheless, some discrepancies were observed in some soundings which may have resulted from undetected errors. In most cases these discrepancies were observed in computations of geopotential height. A list of these soundings along with an explanation of the questionable data for each sounding is presented in Table 8. These soundings interpolated to 25-mb intervals are presented in Appendix II; they should be carefully considered before use. It should be noted that calculations of wind velocity from soundings which contain inaccurate geopotential heights are subject to error (Fuelberg, 1974). All other soundings which contain data of high quality are presented in Appendix I.

It was necessary to adjust surface pressure at some of the special stations, due to apparent barometer calibration differences. The corrections,



Table 5. Example of contact sounding data for AVE-SESAME VI.

STATION NO. 279 CENTREVILLE, ALABAMA													
7 JUNE 1979													
1100 GMT													
TIME	CNCT	HEIGHT SPR	PRES PS	TEMP DG C	DEW PT DG C	DIB DG	SPEED M/SEC	U CORP M/SEC	V CORP M/SEC	POT T DG K	E POT T DG K	IX BTO GR/AC	BN PCT
199													
7.0													
00.0	6.2	144.0	974.1	21.8	21.1	192.0	2.6	0.5	2.6	290.8	334.1	16.0	98.0
00.1	7.2	271.0	961.2	22.5	21.4	224.2	10.5	7.0	7.8	296.7	339.5	16.5	93.5
00.2	10.3	329.9	954.3	22.7	21.5	224.2	10.5	7.0	7.8	296.7	339.5	16.5	93.5
00.3	9.0	266.2	963.0	22.9	21.6	224.2	10.5	6.9	7.1	297.9	340.1	16.8	92.9
00.4	10.0	526.6	958.0	22.7	21.3	227.5	8.0	6.5	6.0	299.9	340.7	17.0	92.4
00.5	11.2	624.1	944.3	22.5	21.1	232.8	7.1	5.6	4.3	300.7	345.0	17.0	91.8
00.6	12.5	714.5	932.3	22.1	21.5	233.0	5.9	4.7	3.5	301.2	337.8	13.7	75.5
00.7	13.3	774.5	922.3	21.6	21.9	234.6	6.0	3.8	4.6	301.7	339.5	14.1	79.3
00.8	14.0	774.5	911.3	21.4	21.4	234.3	6.2	2.5	5.6	302.5	338.6	11.9	68.9
00.9	14.3	1034.1	903.3	20.5	14.8	194.2	6.3	1.6	6.1	302.7	338.7	11.9	68.5
01.0	14.3	1111.0	893.3	19.7	15.1	187.3	7.2	0.9	7.1	302.8	335.8	12.2	74.7
01.1	14.3	1111.3	879.0	14.7	16.8	183.0	8.8	0.8	8.4	302.8	339.9	13.8	88.7
01.2	14.3	1111.3	864.3	14.0	18.7	184.7	9.0	0.1	9.0	301.1	336.1	12.2	80.6
01.3	14.3	1111.3	851.3	17.9	18.5	184.7	8.8	-0.3	8.8	304.0	337.2	12.2	82.9
01.4	14.3	1111.3	838.0	17.0	18.3	183.3	8.5	0.0	8.5	304.2	332.4	11.5	78.9
01.5	14.3	1111.3	825.0	15.9	18.2	184.2	8.6	0.6	8.6	305.0	332.7	10.1	78.6
01.6	14.3	1111.3	812.0	14.2	16.7	193.7	9.0	1.5	9.9	305.4	323.7	6.5	68.1
01.7	14.3	1111.3	800.0	14.2	2.7	193.7	9.5	2.2	9.2	306.4	322.9	5.7	60.2
01.8	14.3	1111.3	787.0	15.6	4.0	193.1	10.1	2.7	10.0	306.4	322.5	5.5	60.2
01.9	14.3	1111.3	774.0	14.6	-0.4	193.3	10.5	2.6	10.1	307.1	322.6	4.7	35.5
02.0	14.3	1111.3	761.0	14.3	-2.7	192.7	10.5	2.3	10.2	307.8	318.5	4.0	38.8
02.1	14.3	1111.3	748.0	13.7	-4.8	192.6	10.4	2.1	10.2	308.3	325.7	6.1	48.9
02.2	14.3	1111.3	735.0	13.1	-5.5	192.3	9.9	2.1	9.7	309.5	319.6	3.3	26.0
02.3	14.3	1111.3	722.0	12.0	-7.4	192.2	9.6	2.7	9.2	310.1	318.8	2.9	22.9
02.4	14.3	1111.3	709.0	11.2	-9.1	191.5	10.0	1.3	9.8	309.8	325.1	5.3	48.7
02.5	14.3	1111.3	696.0	10.5	-11.0	191.5	10.7	4.0	9.9	310.2	328.1	6.2	54.8
02.6	14.3	1111.3	683.0	10.5	-13.3	202.2	10.7	8.0	10.4	310.6	324.4	5.8	52.7
02.7	14.3	1111.3	670.0	9.9	-15.7	205.7	11.4	4.7	10.3	310.9	320.5	3.2	30.2
02.8	14.3	1111.3	657.0	9.6	-17.4	205.7	11.4	8.9	10.3	310.9	320.5	3.2	30.2
02.9	14.3	1111.3	644.0	8.9	-19.9	205.7	11.5	5.3	10.1	312.0	326.0	8.7	48.7
03.0	14.3	1111.3	631.0	8.9	-21.1	211.1	11.0	5.7	9.4	312.3	325.1	8.1	41.4
03.1	14.3	1111.3	618.0	8.7	-22.8	211.1	10.2	5.8	8.4	313.8	319.8	2.0	19.9
03.2	14.3	1111.3	605.0	8.0	-24.8	218.8	9.9	6.5	7.6	313.8	320.1	2.0	20.4
03.3	14.3	1111.3	592.0	7.7	-26.6	221.0	10.7	7.0	8.0	316.8	320.0	1.7	17.1
03.4	14.3	1111.3	579.0	7.0	-28.4	224.2	10.9	7.1	8.3	315.2	319.9	1.5	15.6
03.5	14.3	1111.3	566.0	6.1	-30.5	224.2	10.9	7.2	8.7	315.5	321.9	2.1	22.8
03.6	14.3	1111.3	553.0	5.4	-32.8	224.2	11.3	7.3	8.7	315.9	324.3	2.7	31.0
03.7	14.3	1111.3	540.0	5.4	-35.1	224.2	10.5	7.2	7.7	316.4	317.3	0.2	2.7
03.8	14.3	1111.3	527.0	4.7	-37.8	224.2	10.5	6.2	7.5	316.4	317.3	0.6	4.8
03.9	14.3	1111.3	514.0	4.6	-40.6	224.2	8.6	6.7	5.5	319.5	319.5	0.6	6.8
04.0	14.3	1111.3	501.0	4.2	-43.8	224.2	7.6	6.6	4.0	318.5	322.4	1.2	14.4
04.1	14.3	1111.3	488.0	3.2	-46.6	224.2	7.6	6.6	3.7	318.5	332.1	8.7	59.7
04.2	14.3	1111.3	475.0	2.6	-49.2	240.6	7.8	6.0	3.7	319.7	332.3	4.3	56.3
04.3	14.3	1111.3	462.0	2.6	-52.2	240.6	8.2	7.1	4.0	319.7	335.7	5.3	70.5
04.4	14.3	1111.3	449.0	1.9	-54.8	240.6	8.2	7.1	4.5	319.7	336.3	4.8	78.0
04.5	14.3	1111.3	436.0	0.6	-57.5	238.1	9.4	8.0	5.0	320.5	333.7	4.4	66.4
04.6	14.3	1111.3	423.0	-0.0	-60.2	236.3	9.8	9.8	6.6	320.5	333.0	8.1	64.2
04.7	14.3	1111.3	410.0	-1.0	-62.8	236.3	11.8	9.8	6.6	320.5	333.0	8.1	64.2

• 31 SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 • IF TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 • • IF SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

Table 5. Continued.

STATION NO. 229 CENTERVILLE, ALABAMA														
7 JUNE 1979														
1100 GMT														
TIME MIN	CUTCT	HEIGHT GPH	PERS MS	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	W CORP M/SEC	V CORP M/SEC	POT Z DG K	E POT Z DG K	W BTO GM/KG	RR PCF	RANGE KM
17.4	51.0	5320.5	557.0	-1.1	-7.4	217.1	13.2	11.1	7.2	321.4	333.1	3.8	60.8	9.2
17.5	52.0	5176.1	548.0	-2.4	-7.4	234.7	13.7	11.7	7.1	321.8	334.2	4.0	67.2	9.4
17.6	53.0	5277.1	540.0	-3.4	-7.4	232.6	13.1	11.6	6.0	321.7	334.0	4.0	69.9	9.7
17.7	54.0	5175.2	532.0	-4.0	-7.5	248.0	12.7	11.4	5.5	322.4	335.1	3.9	76.9	10.0
17.8	55.0	5324.9	524.0	-4.0	-8.4	243.1	13.1	11.7	5.5	323.8	335.9	3.9	71.7	10.2
17.9	56.0	5628.4	516.0	-4.5	-8.0	242.7	13.7	12.2	6.2	326.5	339.4	4.7	89.1	10.5
18.0	57.0	5765.0	507.0	-5.4	-6.3	244.1	13.7	12.3	6.0	325.2	339.8	4.7	93.1	10.8
18.1	58.0	5478.1	500.0	-6.8	-6.9	247.7	12.7	11.8	9.8	325.2	339.5	4.6	96.0	11.1
18.2	59.0	6000.2	492.0	-7.0	-26.6	245.9	12.7	11.6	5.2	326.0	339.0	8.9	19.2	11.4
18.3	60.0	6129.1	484.0	-6.9	-35.5	241.3	13.2	11.6	6.8	327.7	329.1	0.4	0.0	11.7
18.4	61.0	6277.9	476.0	-7.5	-36.5	238.3	12.9	11.1	6.4	328.5	329.8	0.3	7.6	12.0
18.5	62.0	6177.1	463.0	-7.9	-36.8	238.2	12.1	10.3	6.4	328.6	330.7	0.3	6.5	12.1
18.6	63.0	6066.6	461.0	-8.9	-36.8	239.5	11.0	9.5	5.6	329.7	331.0	0.3	8.3	12.6
18.7	64.0	6511.9	453.0	-8.7	-39.0	241.7	10.2	9.0	4.8	330.3	331.5	0.3	7.8	12.9
18.8	65.0	6701.9	446.0	-10.4	-39.1	244.8	9.9	9.0	4.2	331.1	332.1	0.3	7.3	13.1
18.9	66.0	6701.1	434.0	-11.2	-40.1	246.6	10.8	9.9	4.3	331.7	332.6	0.3	6.9	13.4
19.0	67.0	7024.6	431.0	-11.7	-40.1	248.1	11.7	10.8	4.1	332.7	336.8	1.2	32.8	13.6
19.1	68.0	7167.9	423.0	-13.1	-20.9	251.8	11.8	11.2	3.7	332.7	338.4	1.7	51.4	13.9
19.2	69.0	7234.9	416.0	-13.8	-16.1	255.1	12.6	12.2	3.3	333.6	341.9	0.4	18.9	14.2
19.3	70.0	7394.9	416.0	-14.5	-40.4	255.9	18.1	13.7	3.8	338.1	345.1	0.3	4.9	14.5
19.4	71.0	7554.5	402.0	-14.6	-45.8	257.0	17.7	15.1	3.5	335.6	336.1	0.2	5.0	14.9
19.5	72.0	7621.7	395.0	-15.7	-37.2	258.0	16.5	16.1	3.8	335.8	337.1	0.4	11.7	15.2
19.6	73.0	7721.7	384.0	-17.4	-24.5	258.6	17.2	16.9	3.8	335.4	340.0	1.3	51.5	15.6
19.7	74.0	7957.9	381.0	-18.6	-23.5	258.6	18.3	18.0	3.6	335.5	340.7	1.5	62.2	16.1
19.8	75.0	8096.0	374.0	-19.8	-27.1	260.7	19.7	19.5	3.2	335.7	340.5	1.1	52.0	16.6
19.9	76.0	8439.2	367.0	-19.8	-43.0	264.7	20.6	20.5	1.9	337.5	338.8	0.2	10.6	17.0
20.0	77.0	8375.9	360.0	-20.7	-51.2	270.8	21.3	21.3	-0.3	338.1	338.3	0.0	2.2	17.5
20.1	78.0	8507.9	354.0	-21.7	-61.7	274.3	21.8	21.8	-1.6	338.4	338.5	0.0	1.0	17.9
20.2	79.0	8707.9	347.0	-22.5	-57.7	277.0	21.9	21.8	-2.7	339.3	339.5	0.0	2.4	18.3
20.3	80.0	8747.6	342.0	-22.5	-57.7	277.5	22.8	22.6	-3.2	339.3	339.5	0.0	2.5	18.8
20.4	81.0	8777.6	341.0	-23.7	-58.1	277.0	22.9	22.9	-3.2	341.4	341.5	0.0	2.7	19.4
20.5	82.0	8777.6	341.0	-24.7	-58.1	277.5	22.9	22.9	0.2	341.5	341.5	0.0	2.7	19.9
20.6	83.0	8777.6	341.0	-24.9	-54.9	268.6	22.2	22.9	0.5	342.3	342.6	0.1	0.6	20.4
20.7	84.0	8777.6	341.0	-25.8	-54.9	268.6	22.2	22.2	-0.6	342.3	342.5	0.0	3.9	20.9
20.8	85.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	20.9	-0.6	342.3	342.5	0.0	3.9	20.9
20.9	86.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
21.0	87.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
21.1	88.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
21.2	89.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
21.3	90.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
21.4	91.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
21.5	92.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
21.6	93.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
21.7	94.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
21.8	95.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
21.9	96.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
22.0	97.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
22.1	98.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
22.2	99.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
22.3	100.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
22.4	101.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
22.5	102.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
22.6	103.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
22.7	104.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
22.8	105.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
22.9	106.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
23.0	107.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
23.1	108.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
23.2	109.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
23.3	110.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
23.4	111.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
23.5	112.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
23.6	113.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
23.7	114.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
23.8	115.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
23.9	116.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
24.0	117.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
24.1	118.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
24.2	119.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
24.3	120.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
24.4	121.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
24.5	122.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
24.6	123.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
24.7	124.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
24.8	125.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9
24.9	126.0	8777.6	341.0	-27.2	-59.4	272.1	21.0	21.0	-0.6	342.3	342.5	0.0	3.9	20.9

Table 5. Continued.

 STATION NO. 229  
 CENTREVILLE, ALABAMA

 7 JUNE 1979  
 1100 GMT

TIME	CNTCC	HEIGHT GEM	PRES H2	TEMP UG C	DEW PT UG C	DIG DG	SPEED N/SEC	U CORP N/SEC	V CORP N/SEC	POT DG K	E POT DG K	RI RTO G/SEC	RM PCT	150	7. 0
37.9	96.3	11346.1	245.0	-40.3	99.9	288.1	28.1	26.7	-8.7	347.8	999.9	99.9	999.9	28.2	73.
38.5	97.3	11245.0	241.0	-41.6	99.9	288.1	28.2	28.6	-8.9	347.9	999.9	99.9	999.9	28.3	74.
39.1	98.3	11197.1	237.0	-42.0	99.9	288.1	28.3	28.6	-9.0	348.0	999.9	99.9	999.9	28.4	75.
39.6	99.3	11150.3	233.0	-42.3	99.9	288.1	28.4	28.6	-9.1	348.1	999.9	99.9	999.9	28.5	76.
40.2	100.3	11103.7	229.0	-42.7	99.9	288.1	28.5	28.6	-9.2	348.2	999.9	99.9	999.9	28.6	77.
40.8	101.3	11057.0	225.0	-43.1	99.9	288.1	28.6	28.6	-9.3	348.3	999.9	99.9	999.9	28.7	78.
41.4	102.3	11010.3	221.0	-43.5	99.9	288.1	28.7	28.6	-9.4	348.4	999.9	99.9	999.9	28.8	79.
42.0	103.3	10963.7	217.0	-43.9	99.9	288.1	28.8	28.6	-9.5	348.5	999.9	99.9	999.9	28.9	80.
42.6	104.3	10917.0	213.0	-44.3	99.9	288.1	28.9	28.6	-9.6	348.6	999.9	99.9	999.9	29.0	81.
43.2	105.3	10870.3	209.0	-44.7	99.9	288.1	29.0	28.6	-9.7	348.7	999.9	99.9	999.9	29.1	82.
43.8	106.3	10823.7	205.0	-45.1	99.9	288.1	29.1	28.6	-9.8	348.8	999.9	99.9	999.9	29.2	83.
44.4	107.3	10777.0	201.0	-45.5	99.9	288.1	29.2	28.6	-9.9	348.9	999.9	99.9	999.9	29.3	84.
45.0	108.3	10730.3	197.0	-45.9	99.9	288.1	29.3	28.6	-10.0	349.0	999.9	99.9	999.9	29.4	85.
45.6	109.3	10683.7	193.0	-46.3	99.9	288.1	29.4	28.6	-10.1	349.1	999.9	99.9	999.9	29.5	86.
46.2	110.3	10637.0	189.0	-46.7	99.9	288.1	29.5	28.6	-10.2	349.2	999.9	99.9	999.9	29.6	87.
46.8	111.3	10590.3	185.0	-47.1	99.9	288.1	29.6	28.6	-10.3	349.3	999.9	99.9	999.9	29.7	88.
47.4	112.3	10543.7	181.0	-47.5	99.9	288.1	29.7	28.6	-10.4	349.4	999.9	99.9	999.9	29.8	89.
48.0	113.3	10497.0	177.0	-47.9	99.9	288.1	29.8	28.6	-10.5	349.5	999.9	99.9	999.9	29.9	90.
48.6	114.3	10450.3	173.0	-48.3	99.9	288.1	29.9	28.6	-10.6	349.6	999.9	99.9	999.9	30.0	91.
49.2	115.3	10403.7	169.0	-48.7	99.9	288.1	30.0	28.6	-10.7	349.7	999.9	99.9	999.9	30.1	92.
49.8	116.3	10357.0	165.0	-49.1	99.9	288.1	30.1	28.6	-10.8	349.8	999.9	99.9	999.9	30.2	93.
50.4	117.3	10310.3	161.0	-49.5	99.9	288.1	30.2	28.6	-10.9	349.9	999.9	99.9	999.9	30.3	94.
51.0	118.3	10263.7	157.0	-49.9	99.9	288.1	30.3	28.6	-11.0	350.0	999.9	99.9	999.9	30.4	95.
51.6	119.3	10217.0	153.0	-50.3	99.9	288.1	30.4	28.6	-11.1	350.1	999.9	99.9	999.9	30.5	96.
52.2	120.3	10170.3	149.0	-50.7	99.9	288.1	30.5	28.6	-11.2	350.2	999.9	99.9	999.9	30.6	97.
52.8	121.3	10123.7	145.0	-51.1	99.9	288.1	30.6	28.6	-11.3	350.3	999.9	99.9	999.9	30.7	98.
53.4	122.3	10077.0	141.0	-51.5	99.9	288.1	30.7	28.6	-11.4	350.4	999.9	99.9	999.9	30.8	99.
54.0	123.3	10030.3	137.0	-51.9	99.9	288.1	30.8	28.6	-11.5	350.5	999.9	99.9	999.9	30.9	100.
54.6	124.3	9983.7	133.0	-52.3	99.9	288.1	30.9	28.6	-11.6	350.6	999.9	99.9	999.9	31.0	101.
55.2	125.3	9937.0	129.0	-52.7	99.9	288.1	31.0	28.6	-11.7	350.7	999.9	99.9	999.9	31.1	102.
55.8	126.3	9890.3	125.0	-53.1	99.9	288.1	31.1	28.6	-11.8	350.8	999.9	99.9	999.9	31.2	103.
56.4	127.3	9843.7	121.0	-53.5	99.9	288.1	31.2	28.6	-11.9	350.9	999.9	99.9	999.9	31.3	104.
57.0	128.3	9797.0	117.0	-53.9	99.9	288.1	31.3	28.6	-12.0	351.0	999.9	99.9	999.9	31.4	105.
57.6	129.3	9750.3	113.0	-54.3	99.9	288.1	31.4	28.6	-12.1	351.1	999.9	99.9	999.9	31.5	106.
58.2	130.3	9703.7	109.0	-54.7	99.9	288.1	31.5	28.6	-12.2	351.2	999.9	99.9	999.9	31.6	107.
58.8	131.3	9657.0	105.0	-55.1	99.9	288.1	31.6	28.6	-12.3	351.3	999.9	99.9	999.9	31.7	108.
59.4	132.3	9610.3	101.0	-55.5	99.9	288.1	31.7	28.6	-12.4	351.4	999.9	99.9	999.9	31.8	109.
60.0	133.3	9563.7	97.0	-55.9	99.9	288.1	31.8	28.6	-12.5	351.5	999.9	99.9	999.9	31.9	110.
60.6	134.3	9517.0	93.0	-56.3	99.9	288.1	31.9	28.6	-12.6	351.6	999.9	99.9	999.9	32.0	111.
61.2	135.3	9470.3	89.0	-56.7	99.9	288.1	32.0	28.6	-12.7	351.7	999.9	99.9	999.9	32.1	112.
61.8	136.3	9423.7	85.0	-57.1	99.9	288.1	32.1	28.6	-12.8	351.8	999.9	99.9	999.9	32.2	113.
62.4	137.3	9377.0	81.0	-57.5	99.9	288.1	32.2	28.6	-12.9	351.9	999.9	99.9	999.9	32.3	114.
63.0	138.3	9330.3	77.0	-57.9	99.9	288.1	32.3	28.6	-13.0	352.0	999.9	99.9	999.9	32.4	115.
63.6	139.3	9283.7	73.0	-58.3	99.9	288.1	32.4	28.6	-13.1	352.1	999.9	99.9	999.9	32.5	116.
64.2	140.3	9237.0	69.0	-58.7	99.9	288.1	32.5	28.6	-13.2	352.2	999.9	99.9	999.9	32.6	117.
64.8	141.3	9190.3	65.0	-59.1	99.9	288.1	32.6	28.6	-13.3	352.3	999.9	99.9	999.9	32.7	118.
65.4	142.3	9143.7	61.0	-59.5	99.9	288.1	32.7	28.6	-13.4	352.4	999.9	99.9	999.9	32.8	119.
66.0	143.3	9097.0	57.0	-59.9	99.9	288.1	32.8	28.6	-13.5	352.5	999.9	99.9	999.9	32.9	120.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

Table 5. Concluded.

STATION NO. 229 CENTREVILLE, ALABAMA													
7 JUNE 1979													
1100 GMT													
TIME MIN	CLOUD	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 2 DG E	POT 3 DG E	HI RTO GR/10	BE PCT
04.0	1-1.0	18895.8	69.0	-66.3	99.9	87.2	5.1	-3.7	-3.5	446.5	999.9	99.9	999.9
05.0	1-2.0	17155.0	66.0	-65.2	99.9	53.6	3.9	-3.2	-2.3	452.9	999.9	99.9	999.9
06.0	1-3.0	17447.2	63.0	-65.2	99.9	59.8	4.8	-3.1	-2.5	458.5	999.9	99.9	999.9
07.0	1-4.0	17777.6	60.0	-63.6	99.9	66.7	6.2	-7.6	-3.3	468.6	999.9	99.9	999.9
08.0	1-5.0	17766.2	59.0	-62.4	99.9	64.1	9.8	-8.8	-8.3	475.8	999.9	99.9	999.9
09.0	1-5.0	20256.1	55.0	-57.8	99.9	27.7	6.6	-3.1	-5.8	485.1	999.9	99.9	999.9
10.0	1-7.0	23616.3	52.0	-59.4	99.9	60.7	11.0	-9.6	-3.9	497.8	999.9	99.9	999.9
11.0	1-7.0	25522.5	50.0	-59.4	99.9	71.0	12.4	-11.8	-2.7	503.4	999.9	99.9	999.9
12.0	1-7.0	21270.6	47.0	-58.5	99.9	73.6	9.6	-12.9	-0.9	514.6	999.9	99.9	999.9
13.0	1-7.0	21446.1	44.0	-57.7	99.9	85.9	13.0	-12.9	-0.9	526.5	999.9	99.9	999.9
14.0	1-7.0	21751.2	42.0	-56.6	99.9	87.4	14.5	-14.5	-0.2	534.7	999.9	99.9	999.9
15.0	1-7.0	22457.2	39.0	-54.1	99.9	95.7	16.8	-16.8	1.6	544.0	999.9	99.9	999.9
16.0	1-7.0	22713.3	37.0	-51.5	99.9	102.7	14.0	-13.6	3.1	569.1	999.9	99.9	999.9
17.0	1-7.0	21446.1	34.0	-51.0	99.9	102.8	10.6	-10.4	2.3	586.2	999.9	99.9	999.9
18.0	1-7.0	22557.0	31.0	-50.1	99.9	95.9	11.7	-11.7	1.2	602.4	999.9	99.9	999.9
19.0	1-7.0	23354.4	28.0	-47.2	99.9	89.8	12.5	-12.5	-0.0	616.6	999.9	99.9	999.9
20.0	1-7.0	27311.9	25.0	-48.6	99.9	88.7	13.8	-13.7	-0.3	637.9	999.9	99.9	999.9
21.0	1-7.0	42517.9	21.0	-48.6	99.9	76.1	11.1	-10.8	-2.7	660.6	999.9	99.9	999.9
22.0	1-7.0	47512.1	19.0	-47.5	99.9	85.5	12.7	-12.6	-1.0	681.2	999.9	99.9	999.9
23.0	1-7.0	47512.1	19.0	-44.1	99.9	67.7	11.2	-10.3	-0.2	724.6	999.9	99.9	999.9
24.0	1-7.0	25767.1	15.0	-41.6	99.9	63.8	18.3	-17.2	-6.3	765.8	999.9	99.9	999.9
25.0	1-7.0	47337.8	11.0	-41.7	99.9	74.5	14.0	-13.8	-4.6	801.5	999.9	99.9	999.9
26.0	1-7.0	11211.1	10.0	-37.4	99.9	83.2	15.3	-15.2	-1.8	880.0	999.9	99.9	999.9
27.0	1-7.0	164.0	7.0	-34.4	99.9	999.9	99.9	99.9	99.9	986.9	999.9	99.9	999.9

ORIGINAL PAGE IS  
OF POOR QUALITY

**Table 6. Explanation of column headings of tabulated sounding data for the AVE-SESAME VI experiment.**

---



---

<b>TIME (MIN)</b>	Time after balloon release.
<b>CNTCT</b>	Contact number.
<b>HEIGHT (GPM)</b>	Height of corresponding pressure surface in geopotential meters.
<b>PRES (MB)</b>	Pressure in millibars.
<b>TEMP (DG C)</b>	Ambient temperature in degrees Celsius. NOTE: An asterisk indicates that time from release and/or temperature were linearly interpolated.
<b>DEW PT (DG C)</b>	Dew-point temperature in degrees Celsius.
<b>DIR (DG)</b>	Wind direction measured clockwise from true north and is the direction from which the wind is blowing.
<b>SPEED (M/SEC)</b>	Scalar wind speed in meters per second. NOTE: An asterisk indicates that wind quantities are based on an elevation angle that is between $10^{\circ}$ and $6^{\circ}$ . A double asterisk indicates that the elevation angle is less than $6^{\circ}$ .
<b>U COMP (M/SEC)</b>	The E-W wind component, positive toward the east and negative toward the west.
<b>V COMP (M/SEC)</b>	The N-S wind component, positive toward the north and negative toward the south.
<b>POT T (DG K)</b>	Potential temperature in degrees Kelvin.
<b>E POT T (DG K)</b>	Equivalent potential temperature in degrees Kelvin.
<b>MX RTO (GM/KG)</b>	Mixing ratio in grams per kilogram.
<b>RH (PCT)</b>	Relative humidity in percent.
<b>RANGE (FM)</b>	Distance balloon is from release point along a radius vector.
<b>AZ (DG)</b>	Direction toward balloon measured clockwise from true north.

---

**Table 7. Soundings missing or terminated before completion (100mb) in AVE-SESAME VI.**

Station	Date/GMT	Explanation	Last Pressure Coded (mb)
Ada, OK (020)	7/2100	Power failure	106
	7/0000	Power failure	734
Chickasha, OK (024)	7/0000	Flight equipment failure	264
Ft. Sill, OK (028)	7/1500	Missing sounding	-
	7/1800	Fading signal	106
	7/2100	Balloon burst	165
	8/0000	Ground equipment failure	284
Gage, OK (029)	7/1800	Fading signal	133
Hennessey, OK (031)	7/1800	Lost signal	356
KTVY, OK (033)	7/1200	Fading signal	180
	7/1500	Fading signal	101
	7/1800	Ground equipment failure	296
Seiling, OK (036)	7/1200	Balloon burst	503
Stroud, OK (038)	8/0000	Ground equipment failure	199
Wichita Falls, TX (039)	7/1800	Fading signal	126
Jackson, MS (235)	7/1500	Missing sounding	-
	7/1800	Missing sounding	-
Monett, MO (349)	7/1500	Leaking balloon	666
Topeka, KS (456)	8/0600	Balloon burst	107
	8/0800	Lost signal	644
Denver, CO (409)	8/0000	Icing	456
	8/0300	Lost signal	104
	8/0600	Balloon burst	127
	8/0900	Balloon burst	117
Leoria, IL (532)	7/1500	Radiosonde failure	430

NOTE: No special station soundings were taken for 8/0300, 8/0600, 8/0900, or 8/1200.

No soundings were taken at:

Canadian, TX (022); Cheyenne, OK (023); Healdton, OK (030);  
Norman, OK (035); Shamrock, TX (037)

supplied by NSSL, are listed in Table 9.

Table 10 contains a list of soundings that experienced rather large variations in balloon rise rate. The identification of these soundings is somewhat arbitrary but based on variations in the number of pressure contacts per minute. These soundings may have been made in or near thunderstorms. Caution should be exercised in their use.

Table 8. List of soundings with abnormal characteristics in AVE-SESAME VI.

Station	Date/GMT	Questionable Data
Boothville, LA (232)	7/1200 7/1500 7/1800	Baseline problem - no R.H. computed Heights are low
Stephenville, TX (260)	8/0600	Heights 40m high at 200 mb
Little Rock, AR (340)	7/2100 8/0000 8/0300	Heights 20m low at 500 mb; 40m low at 200 mb Heights 30m low at 500 mb; 50m low at 200 mb Heights 30m low at 500 mb; 55m low at 200 mb
Ada, OK (020)	7/1800	Heights 60m low at 200 mb
Ft. Sill, OK (028)	7/2100 8/0000	Heights 60m high at all levels Possible surface pressure error. (Note 7 mb rise between 18 and 21 GMT)
Gage, OK (029)		Wind directions computed for all soundings appear to be 20-30 degrees low.
Hennessey, OK (031)	7/1500	Heights 50m high at 200 mb
Hinton, OK (032)		Computed wind speeds in all soundings seem too high compared to other stations.
KTVY, OK (033)	7/2100	Heights 20m high at 500 mb, 45m at 200 mb
Wichita Falls, TX (039)	7/1800	Heights 40m high at 200 mb



Table 9. Corrections to surface pressure supplied by NSSL and used in processing the AVE-SESAME VI data.

<u>Station</u>	<u>Correction (mb)</u>
Altus, OK (021)	+1.4
Cheyenne, OK (023)	+0.7
Gage, OK (029)	-1.8
Hinton, OK (032)	-0.6
KTVY, OKC (033)	+1.7
Shamrock, TX (037)	+2.5
Wichita Falls, TX (039)	+1.7

Table 10. AVE-SESAME VI soundings with relatively large variations in balloon rise rate.

<u>Station</u>	<u>Date/Time (GMT)</u>
Monett, MO (349)	7/1500
Dodge City, KS (451)	8/0600

## REFERENCES

- Fuelberg, H. E., 1974: Reduction and error analysis of the AVE II pilot experiment data. NASA Contractor Report CR-120496, Marshall Space Flight Center, Alabama, 140 pp.
- Gerhard, M. L., H. E. Fuelberg, S. F. Williams, and R. E. Turner, 1979: AVE-SESAME I: 25-mb sounding data. NASA Technical Memorandum TM-78256, Marshall Space Flight Center, Alabama, 361 pp.
- July, M. J., and R. E. Turner, 1980: A Preliminary Look at AVE-SESAME IV Conducted on May 9-10, 1979. Marshall Space Flight Center, Alabama. (In Publication)
- \_\_\_\_\_, and \_\_\_\_\_, 1981: A Preliminary Look at AVE-SESAME VI Conducted on June 7-8, 1980. Marshall Space Flight Center, Alabama. (In Publication)
- Sienkiewicz, M. E., L. P. Gilchrist, and R. E. Turner, 1980: AVE-SESAME IV: 25-mb sounding data. Marshall Space Flight Center, Alabama, (In Publication)
- Williams, S. F., M. L. Gerhard, and R. E. Turner, 1980a: AVE-SESAME II: 25-mb sounding data. NASA Technical Memorandum TM-78281. Marshall Space Flight Center, Alabama, 373 pp.
- \_\_\_\_\_, \_\_\_\_\_, L. P. Gilchrist, and R. E. Turner, 1980b: AVE-SESAME III: 25-mb sounding data. NASA Technical Memorandum TM-78283. Marshall Space Flight Center, Alabama, 380 pp.
- \_\_\_\_\_, N. Horvath, and R. E. Turner, 1980c: A Preliminary Look at AVE-SESAME II Conducted on April 19-20, 1979. NASA Technical Memorandum TM-78280. Marshall Space Flight Center, Alabama, 50 pp.
- \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_, 1980d: A Preliminary Look at AVE-SESAME III Conducted on April 25-26, 1979. NASA Technical Memorandum TM-78282. Marshall Space Flight Center, Alabama, 43 pp.
- \_\_\_\_\_, J. R. Scoggins, N. Horvath, and K. Hill, 1980e: A Preliminary Look at AVE-SESAME I Conducted on April 10-11, 1979. NASA Technical Memorandum TM-78262. Marshall Space Flight Center, Alabama, 56 pp.

# APPENDIX I

AVE-SESAME VI Sounding Data  
of Unquestionable Validity  
Presented at 25-mb Intervals

STATION NO. 229  
CENTERSVILLE, ALABAMA

7 JUNE 1979  
1100 GMT

TIME MIN	CNCRF	HEIGHT GPM	PHES NO	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POV I DEG R	E POT T DEG R	MR RTG CM/KG	RM PCT	RANGE KM	AL DEG
0.0	6.2	148.0	997.1	21.4	21.1	199.0	2.6	0.5	2.6	294.2	336.1	10.0	98.0	0.0	0.0
99.0	99.9	99.9	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	4.1	336.0	975.0	22.7	21.5	223.0	10.3	7.0	7.5	258.6	342.0	10.9	92.9	0.3	9.0
1.0	13.4	581.5	960.0	22.6	21.2	229.3	8.1	6.2	5.3	300.2	345.0	17.0	91.9	0.7	31.0
2.0	12.7	796.3	925.0	21.7	17.6	222.1	6.1	4.1	4.5	301.6	339.0	16.0	78.1	1.1	34.0
3.0	15.0	1036.3	933.0	20.5	16.8	195.3	6.0	1.7	6.4	302.7	334.7	11.9	69.5	1.4	36.0
3.9	17.4	1277.7	875.0	18.4	15.9	182.4	8.5	0.4	8.5	302.6	338.4	13.2	85.5	1.7	29.0
4.4	19.8	1526.6	850.0	16.2	13.6	180.8	8.6	0.1	8.6	304.2	335.8	11.6	79.3	2.1	23.0
5.7	22.3	1781.5	825.0	16.2	13.6	180.8	8.6	0.1	8.6	305.7	323.5	6.3	44.5	2.6	20.0
6.7	24.7	2032.7	813.0	14.9	11.2	193.1	10.3	2.5	10.0	307.0	321.2	4.9	36.9	3.2	19.0
7.7	27.2	2310.8	775.0	13.7	10.3	193.1	10.3	2.2	10.0	308.2	324.4	5.5	43.5	3.8	18.0
8.7	29.4	2586.5	750.0	12.2	9.3	193.1	10.3	2.2	9.5	309.9	323.9	4.0	40.3	4.4	17.0
9.7	32.3	2869.9	725.0	10.3	8.3	193.1	10.3	2.2	10.2	310.7	325.1	4.9	45.2	5.0	16.0
10.7	35.0	3161.7	700.0	8.9	7.3	211.3	10.9	5.7	9.3	312.3	325.1	4.3	41.9	5.7	19.0
11.7	37.6	3411.7	675.0	7.8	6.9	211.3	10.9	5.7	7.9	314.4	320.1	1.8	18.4	6.3	21.0
12.9	40.3	3771.6	650.0	5.9	5.9	220.6	11.1	7.2	8.4	315.6	322.7	2.3	25.0	7.0	23.0
14.0	43.1	4081.4	625.0	4.5	5.2	240.6	8.9	6.9	5.6	317.6	319.0	0.6	7.6	7.7	25.0
15.3	46.0	4472.9	600.0	2.6	5.2	240.6	7.9	6.9	3.9	319.1	332.3	4.3	36.3	8.1	27.0
16.3	49.0	4766.1	575.0	0.1	5.3	238.2	6.9	8.4	5.2	320.1	333.8	4.5	46.8	8.6	29.0
17.5	51.6	5121.4	550.0	-2.0	5.3	238.2	13.1	11.3	6.7	321.7	336.0	4.8	65.8	9.4	31.0
18.7	54.0	5489.9	525.0	-4.0	5.3	243.3	13.2	11.8	5.9	323.6	339.8	3.9	72.3	10.2	36.0
20.0	56.0	5876.1	500.0	-6.4	5.3	243.3	13.1	11.9	5.5	325.2	339.5	4.6	96.8	11.1	37.0
21.3	58.0	6274.4	475.0	-7.5	5.6	239.9	12.5	10.8	6.3	326.7	329.9	0.3	7.4	12.0	39.0
22.4	60.4	6653.4	450.0	-10.0	5.6	239.9	10.5	9.4	6.8	330.6	331.7	0.3	7.4	13.0	41.0
24.3	67.4	7172.1	425.0	-12.7	5.9	251.0	12.0	11.3	3.9	332.7	334.0	1.6	46.8	13.8	42.0
25.4	71.3	7562.4	400.0	-14.9	6.1	257.2	15.6	15.2	3.5	335.6	336.5	0.2	7.5	15.0	45.0
27.6	74.9	8076.3	375.0	-19.6	6.1	261.9	19.3	19.1	2.7	335.6	339.7	1.2	93.9	16.5	48.0
29.3	74.6	8586.9	350.0	-22.1	6.3	273.7	22.0	21.9	1.4	338.9	339.1	0.0	1.8	18.1	53.0
31.2	82.4	9126.4	325.0	-25.3	6.3	273.7	22.3	22.3	0.6	341.6	342.1	0.1	3.5	20.1	58.0
33.1	94.5	9704.3	300.0	-29.7	5.4	243.4	23.6	23.2	0.3	343.5	343.8	0.1	6.7	22.3	62.0
35.1	93.4	10119.2	275.0	-35.2	5.6	243.4	26.7	25.4	0.3	344.3	344.5	0.1	8.9	24.7	67.0
37.5	95.2	10476.1	250.0	-39.4	9.3	286.0	29.5	28.3	0.1	347.2	349.9	99.9	999.9	27.7	72.0
39.8	103.0	11687.7	225.0	-45.7	9.9	279.9	28.3	27.9	0.9	348.4	350.9	99.9	999.9	31.2	76.0
42.5	105.0	12460.5	200.0	-52.3	9.9	282.1	27.3	26.7	0.9	350.0	350.9	99.9	999.9	35.2	79.0
45.5	110.5	13112.0	175.0	-57.7	9.9	286.6	28.6	27.1	0.9	353.0	353.0	99.9	999.9	40.2	82.0
48.9	116.5	14265.4	150.0	-65.0	9.9	287.6	28.1	26.5	0.9	358.8	359.8	99.9	999.9	45.9	85.0
51.6	123.3	15369.9	125.0	-71.2	9.9	288.4	22.1	21.2	0.9	367.5	367.5	99.9	999.9	50.8	88.0
54.3	133.7	16711.3	100.0	-72.6	9.9	272.9	7.9	7.9	0.4	387.5	387.5	99.9	999.9	54.2	89.0
57.9	133.7	19361.2	75.0	-67.3	9.9	317.9	3.8	2.5	0.4	431.6	431.6	99.9	999.9	55.1	89.0
60.9	143.0	20422.5	50.0	-59.4	99.9	71.6	10.8	-10.3	0.4	803.4	803.4	99.9	999.9	52.5	91.0
62.5	157.3	25373.2	25.0	-48.6	99.9	87.3	12.9	-12.8	0.4	845.4	845.4	99.9	999.9	43.6	91.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

END OF PAGE 17  
OF FOUR OCT 79

STATION NO. 229  
 CENTERVILLE, ALABAMA

 7 JUNE 1979  
 1400 GMT

TIME MIN	CNCTY	HEIGHT GPH	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T GC R	E POT T GC K	MX RTO CM/SEC	RM PCT	RANGE KM	AZ DG
0.0	0.0	100.0	990.0	24.0	21.9	190.0	2.6	0.3	2.6	298.1	342.0	16.0	84.0	0.0	0.0
00.0	00.0	99.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.0	0.0	352.5	975.0	22.7	22.1	209.4	7.0	3.4	99.0	248.6	343.6	17.5	96.7	0.2	0.0
1.0	10.7	579.7	950.0	21.0	20.7	216.6	7.1	4.2	5.7	290.4	343.1	16.0	96.1	0.7	29.0
2.0	12.9	811.7	925.0	20.6	19.8	200.0	5.1	1.0	4.0	300.3	342.6	16.0	95.6	1.0	30.0
3.7	15.2	1046.4	900.0	19.3	17.0	190.5	4.4	1.2	4.0	301.4	331.5	11.2	70.5	1.2	26.0
4.6	17.4	1290.0	875.0	17.6	12.2	196.1	6.0	1.7	5.7	302.1	320.0	10.3	70.4	1.5	26.0
5.5	19.7	1530.0	850.0	16.0	10.6	197.0	8.3	2.4	7.0	302.8	320.0	9.8	70.4	1.9	23.0
7.4	22.0	1792.1	825.0	14.3	12.4	203.9	9.6	3.6	9.0	303.7	333.8	11.0	80.0	2.4	22.0
9.3	24.0	2052.2	800.0	12.6	12.2	208.4	10.6	3.8	10.2	304.2	335.4	11.3	97.0	3.0	23.0
10.3	25.4	2310.7	775.0	10.0	10.0	198.5	11.1	3.9	10.5	309.2	333.2	10.0	96.0	3.6	22.0
10.3	25.4	2592.7	750.0	10.0	10.0	203.0	11.2	4.6	10.5	308.3	333.7	10.0	96.0	3.6	21.0
10.3	25.4	2870.5	725.0	9.0	9.0	210.7	10.4	5.3	9.0	310.2	317.0	2.8	24.0	4.9	22.0
11.3	26.6	3105.4	700.0	8.6	12.4	210.8	9.4	5.9	7.3	312.0	310.0	2.8	22.1	5.5	24.0
12.4	27.2	3420.0	675.0	6.5	12.1	226.3	8.1	6.0	5.7	313.0	319.0	2.2	24.9	6.1	25.0
13.4	28.0	3773.1	650.0	4.5	10.2	227.9	7.7	5.7	5.2	314.0	320.2	2.0	24.3	6.5	27.0
14.5	28.0	4091.1	625.0	2.1	13.7	226.3	8.1	5.6	5.0	314.0	321.0	2.1	20.0	7.0	20.0
15.7	28.7	4419.3	600.0	-0.4	9.0	236.6	7.0	6.3	4.2	315.7	330.0	4.0	76.0	7.5	30.0
16.7	28.0	4750.4	575.0	-1.0	1.0	238.2	9.7	9.0	3.0	310.1	335.0	5.9	90.0	8.0	32.0
17.0	31.0	5113.0	550.0	-3.0	0.0	245.0	11.3	10.3	4.0	320.2	335.2	4.0	87.1	8.4	35.0
19.2	34.0	5481.6	525.0	-5.2	-7.2	237.7	12.6	10.8	4.3	322.1	335.4	4.3	85.0	9.4	38.0
20.6	35.1	5903.3	500.0	-6.0	-7.6	237.1	14.1	11.0	7.0	324.7	336.3	4.3	94.0	10.5	40.0
21.0	31.0	6202.0	475.0	-9.3	-12.8	233.4	13.0	10.8	7.0	326.8	336.1	3.0	75.3	11.0	41.0
23.4	35.0	6670.0	450.0	-12.0	-12.0	233.7	12.0	10.1	7.6	327.1	336.8	1.0	32.1	12.0	42.0
24.8	38.0	7115.5	425.0	-15.4	-10.5	243.1	13.2	11.0	6.0	329.2	331.2	0.6	20.1	13.7	43.0
26.4	42.3	7570.4	400.0	-14.0	-12.4	232.9	13.0	13.2	4.0	333.2	333.0	0.1	3.1	14.0	48.0
28.1	46.2	8000.3	375.0	-10.2	-11.8	241.3	17.0	17.4	2.7	337.0	337.0	0.0	1.0	16.1	48.0
29.7	50.2	8500.7	350.0	-21.0	-13.7	263.2	20.0	20.0	2.0	331.7	339.0	0.0	1.0	17.7	52.0
31.0	50.0	9107.6	325.0	-26.7	-13.7	276.4	22.4	22.4	-0.1	340.6	340.0	0.0	1.0	19.7	50.0
33.0	50.0	9680.3	300.0	-31.1	-19.0	297.3	27.3	26.1	-0.3	341.6	342.7	0.0	1.0	22.0	61.0
35.7	53.4	10290.3	275.0	-34.3	-19.0	297.3	27.3	26.1	-0.3	345.3	340.0	0.0	1.0	24.3	64.0
37.0	50.2	10900.3	250.0	-40.0	99.0	288.2	20.0	27.2	-0.7	345.3	340.0	0.0	0.0	27.4	75.0
40.3	53.4	11400.1	225.0	-44.0	99.0	281.0	27.0	27.2	-0.7	347.8	347.0	0.0	0.0	30.0	74.0
42.0	50.0	12020.0	200.0	-53.0	99.0	281.0	29.0	28.8	-0.3	347.8	347.0	0.0	0.0	34.4	70.0
45.0	50.0	12200.2	175.0	-55.0	99.0	288.0	28.0	28.1	-0.7	361.0	349.0	0.0	0.0	38.0	61.0
48.3	48.0	12410.5	150.0	-65.0	99.0	287.5	26.0	25.3	-0.1	367.1	349.0	0.0	0.0	43.7	64.0
52.0	47.0	13300.0	125.0	-72.7	99.0	277.2	21.2	19.3	-0.7	363.2	349.0	0.0	0.0	48.0	57.0
57.3	46.0	14610.0	100.0	-72.1	99.0	277.2	6.7	6.4	-0.0	360.4	349.0	0.0	0.0	51.3	59.0
60.0	42.0	15323.5	75.0	-69.4	99.0	289.0	0.0	0.0	-0.0	427.0	349.0	0.0	0.0	52.1	58.0
60.0	42.0	15323.5	50.0	-59.4	99.0	289.0	0.0	0.0	-0.0	507.0	349.0	0.0	0.0	47.2	50.0
70.0	45.0	20010.0	25.0	-50.0	99.0	289.0	11.0	-11.4	-1.4	507.0	349.0	0.0	0.0	30.5	50.0
83.1	45.0	25300.2	25.0	-49.2	99.0	289.0	13.0	-13.5	-1.4	643.2	349.0	0.0	0.0	30.5	50.0

 \* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 279  
CENTERVILLE, ALABAMA

7 JUNE 1979  
1705 GMT

TIME min	CATCT	HEIGHT cm	PRCS mm	TEMP deg C	DEW PT deg C	DIR deg	SPEED m/sec	U COMP m/sec	V COMP m/sec	POT T deg K	E POT T deg K	RZ STD cm/mg	DN PCT	RANGE NM	AZ deg
0.0	5.0	140.0	999.2	20.5	21.7	210.0	3.6	1.0	3.1	299.7	343.8	16.0	75.0	0.0	0.0
00.0	90.0	99.0	1000.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
0.0	9.1	350.4	975.0	24.5	21.3	193.3	4.3	1.0	4.2	259.2	243.0	16.0	82.3	0.3	2.0
1.7	10.4	580.5	950.0	22.9	19.5	199.4	4.9	1.4	4.6	300.2	340.0	15.2	81.0	0.5	7.0
2.0	12.7	817.3	925.0	22.1	14.4	205.0	7.4	3.1	6.7	301.8	332.2	11.2	61.6	0.9	14.0
3.7	15.1	1355.2	900.0	20.6	13.5	157.9	7.4	2.5	7.8	302.4	332.2	10.9	63.8	1.4	18.0
4.5	17.5	1270.5	875.0	17.9	11.4	198.1	8.7	2.7	8.3	303.2	330.1	9.7	61.4	1.0	17.0
5.5	19.9	1542.2	850.0	17.5	10.3	208.2	5.3	4.4	8.2	304.2	330.2	9.3	62.5	2.3	19.0
6.4	22.4	1502.3	825.0	16.4	7.6	209.0	10.2	4.9	8.9	305.9	328.2	8.0	55.9	2.0	21.0
7.2	24.0	2043.7	800.0	14.7	6.2	207.7	11.3	5.3	10.0	306.4	327.9	7.5	54.4	3.4	22.0
8.3	27.3	2332.3	775.0	13.8	3.6	212.1	10.2	5.4	8.7	308.7	327.1	6.4	50.3	4.1	23.0
9.4	29.9	2600.3	750.0	12.3	3.0	219.0	6.4	5.9	7.3	310.0	326.3	6.4	52.0	4.0	25.0
10.4	32.4	2991.9	725.0	10.7	-2.4	222.8	6.8	6.5	6.5	311.2	324.4	4.5	40.0	5.2	26.0
11.1	35.1	3183.5	700.0	5.0	-6.7	224.4	7.3	5.1	5.2	312.5	324.0	3.9	37.5	5.6	28.0
12.5	37.8	3489.0	675.0	7.4	-9.3	217.2	7.1	4.3	5.6	313.5	322.0	2.8	29.7	6.1	29.0
13.9	43.5	3794.4	650.0	6.5	-7.9	222.5	7.6	5.2	5.6	316.4	326.4	3.3	34.9	6.6	30.0
14.9	47.2	4115.2	625.0	3.7	-3.4	243.1	9.0	8.0	4.1	318.7	338.4	7.4	92.4	7.2	31.0
16.1	45.0	4445.9	600.0	1.3	-3.4	251.7	10.6	10.1	3.3	317.7	336.1	6.2	88.1	7.7	35.0
17.1	43.9	4747.1	575.0	-0.8	-1.1	254.7	11.2	10.6	3.0	319.1	337.6	6.2	87.9	8.4	38.0
18.0	51.9	5142.9	550.0	-2.1	-7.5	259.9	11.5	11.3	2.2	321.0	334.0	4.0	67.2	9.1	42.0
19.9	54.0	5517.3	525.0	-3.3	-7.4	257.5	14.6	14.2	3.1	324.2	337.5	4.2	72.9	9.6	45.0
21.2	54.0	5897.1	500.0	-4.0	-11.3	255.4	14.9	14.4	3.7	325.2	336.1	3.2	66.0	10.9	48.0
22.7	61.1	6257.3	475.0	-6.7	-11.9	255.0	13.9	13.4	3.6	327.2	337.0	2.5	67.7	12.0	51.0
23.1	64.4	6718.4	450.0	-10.8	-15.4	252.8	14.3	13.6	4.2	329.7	338.0	2.5	77.4	13.1	53.0
23.6	67.9	7157.7	425.0	-12.7	-23.4	250.4	14.7	13.9	4.9	332.4	335.4	0.8	23.3	14.3	55.0
27.0	74.0	8090.3	375.0	-14.9	-31.6	255.0	17.6	17.0	4.8	335.4	337.3	0.5	17.4	15.8	56.0
33.9	74.7	8613.4	350.0	-20.6	-34.1	262.1	21.0	20.6	0.9	339.2	341.8	0.5	26.2	17.7	59.0
37.4	87.5	9157.2	325.0	-25.5	-39.3	266.7	21.1	21.0	1.2	341.0	343.2	0.4	28.6	19.0	62.0
38.4	95.5	9732.9	300.0	-30.0	-45.8	278.3	21.3	23.0	-3.4	343.1	343.9	0.2	19.5	20.3	67.0
38.9	93.8	10340.3	275.0	-34.4	-49.2	282.8	25.9	25.3	-7.7	345.1	345.7	0.2	20.9	20.9	71.0
39.2	95.3	11000.8	250.0	-39.7	99.9	286.9	26.3	25.2	-7.6	347.0	999.9	99.9	956.0	30.0	75.0
41.4	103.0	11710.0	225.0	-45.8	99.9	294.8	26.1	24.2	-8.4	348.4	999.9	99.9	999.9	33.1	78.0
44.2	105.2	12485.3	200.0	-52.2	57.9	290.1	22.9	22.2	-8.0	350.0	999.9	99.9	959.9	36.6	80.0
47.1	117.1	13342.8	175.0	-58.1	59.9	293.3	25.6	24.0	-8.2	350.0	999.9	99.9	959.9	42.5	83.0
50.4	116.8	14797.3	150.0	-65.1	33.9	291.0	25.7	24.0	-8.2	350.0	999.9	99.9	959.9	45.3	86.0
54.3	123.5	15193.3	125.0	-71.2	94.9	294.4	14.7	17.0	-7.5	352.0	99.9	9.9	999.9	50.4	89.0
57.7	131.0	16701.3	100.0	-72.9	59.9	274.1	7.2	7.2	-7.5	357.0	99.9	9.9	999.9	53.4	90.0
60.0	132.0	14411.3	75.0	-62.8	54.9	312.4	5.8	4.3	-3.9	428.4	99.9	9.9	999.9	54.8	90.0
72.1	144.3	20303.3	50.0	-52.4	99.9	97.2	5.7	-9.6	1.2	906.0	99.9	9.9	999.9	56.0	90.0
84.4	144.0	25300.6	25.0	-48.5	99.9	94.5	11.3	-11.2	0.9	249.3	99.9	9.9	999.9	62.1	90.0

0 3V SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 9V SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229  
CENTREVILLE, ALABAMA

7 JUNE 1979  
2100 GMT

TIME MIN	CMCT	WEIGHT GPM	PREC IN	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT B DG K	E POT Y DG K	NR RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	5.9	140.0	598.3	31.0	21.5	210.0	3.6	1.0	3.1	304.3	348.4	16.4	57.0	0.0	0.
99.9	92.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	R.0	149.8	975.0	26.7	19.7	175.0	5.6	-0.5	5.5	302.6	342.0	15.0	65.4	0.2	369.
1.4	10.3	579.2	950.0	24.6	19.8	140.4	4.3	0.0	4.3	302.2	341.1	14.5	69.8	0.4	352.
2.1	12.6	813.1	925.0	22.4	14.5	157.6	4.5	1.4	4.3	302.2	341.3	14.6	70.5	0.6	350.
2.9	15.0	1051.3	925.0	20.1	17.9	210.6	5.4	2.7	4.6	302.2	341.1	14.6	67.5	0.4	4.
3.7	17.4	1294.6	875.0	18.0	15.1	219.0	6.6	4.1	5.1	302.2	338.2	13.3	80.5	1.0	12.
4.5	19.8	1342.9	850.0	16.4	11.6	217.3	6.3	5.0	6.6	303.2	334.9	11.6	63.6	1.4	25.
5.6	22.3	1797.1	825.0	15.0	7.4	217.9	5.9	6.0	7.7	304.4	329.4	9.0	69.3	2.0	25.
6.6	24.8	2057.6	800.0	14.1	6.6	216.7	10.1	6.1	6.1	306.2	328.0	7.8	61.3	2.6	28.
7.5	27.1	2315.4	775.0	13.1	3.6	216.2	9.3	5.5	7.5	307.5	322.8	5.2	42.6	3.1	24.
8.5	29.9	2500.1	750.0	11.3	-3.1	214.2	8.1	4.5	6.7	308.5	320.4	4.0	35.7	3.6	30.
9.4	32.4	2743.0	725.0	10.5	-4.2	209.9	6.8	3.4	5.9	311.8	322.3	3.9	35.4	4.0	30.
10.6	35.1	3174.3	700.0	10.0	-10.2	213.5	7.1	3.9	5.9	313.2	321.3	2.5	23.1	4.5	30.
11.7	37.8	3476.1	675.0	8.8	-1.2	221.5	6.9	4.6	5.2	315.2	331.2	5.3	50.0	5.0	31.
12.9	40.6	3787.2	650.0	6.2	0.7	232.2	6.7	5.3	4.1	315.5	334.3	6.2	68.0	5.4	32.
14.1	43.4	4108.4	625.0	4.4	-0.6	242.5	7.6	6.7	3.5	317.2	335.1	5.9	69.7	5.9	35.
15.3	46.2	4440.5	600.0	2.8	-2.7	252.6	8.4	8.2	2.1	319.2	335.2	5.3	67.3	6.4	37.
16.4	49.1	4783.9	575.0	0.3	-2.1	267.1	10.8	10.6	0.5	320.4	337.7	5.7	63.9	6.8	41.
17.7	52.1	5115.9	550.0	-1.1	-4.1	265.8	14.2	14.2	1.0	322.6	338.5	5.1	79.8	7.6	47.
19.0	55.1	5510.4	525.0	-3.1	-9.2	265.6	14.6	14.5	1.1	324.7	337.1	3.9	68.0	8.5	52.
20.4	58.3	5895.0	500.0	-5.9	-14.6	259.9	15.1	14.7	3.4	325.7	333.9	2.5	50.2	9.5	55.
22.0	61.4	6295.5	475.0	-8.4	-10.5	249.5	14.9	14.0	5.2	327.6	339.2	3.6	84.7	10.9	57.
23.7	64.8	6713.0	450.0	-11.3	-17.1	253.2	15.3	14.7	4.4	329.1	336.4	2.2	62.5	12.4	59.
25.2	68.1	7165.3	425.0	-14.4	-21.3	258.3	15.1	14.7	3.0	330.2	335.1	1.4	46.7	13.7	61.
26.7	71.6	7607.2	400.0	-16.1	-22.0	260.8	15.9	15.7	2.5	334.1	336.5	0.7	24.6	15.0	62.
28.5	75.1	8092.5	375.0	-17.1	-37.6	265.6	19.1	19.1	1.1	338.5	340.4	0.4	15.0	16.7	65.
30.2	78.9	8605.6	350.0	-21.2	-43.2	273.2	20.6	20.6	-1.1	340.2	341.0	0.2	10.5	18.7	67.
32.2	82.7	9147.8	325.0	-24.5	-46.8	277.2	21.7	21.5	-2.7	341.2	342.2	0.2	11.5	20.9	71.
34.2	86.3	9722.3	300.0	-30.2	-43.1	282.9	24.3	23.7	-5.4	342.2	343.3	0.1	13.4	23.4	74.
36.2	91.0	10337.1	275.0	-34.3	-52.1	289.6	25.1	23.6	-8.4	342.2	343.8	0.1	14.4	26.0	78.
38.4	95.4	10996.0	250.0	-40.2	-50.9	289.4	23.2	21.9	-7.7	341.2	343.8	0.1	14.4	28.0	81.
40.8	100.2	11704.8	225.0	-46.4	-59.4	289.0	21.9	21.6	-3.4	347.4	349.9	99.9	99.9	31.6	83.
43.5	105.2	12475.5	200.0	-52.1	-59.9	281.8	21.9	21.4	-4.5	348.7	349.9	99.9	99.9	34.9	85.
46.5	112.6	13126.2	175.0	-58.5	-59.9	292.5	27.2	25.1	-10.4	353.4	349.9	99.9	99.9	39.3	87.
49.5	118.5	14774.5	150.0	-64.7	-59.9	295.4	26.1	24.6	-8.7	358.2	349.9	99.9	99.9	44.1	90.
51.5	124.0	15171.8	125.0	-71.1	-59.9	299.7	20.7	18.0	-10.3	364.4	349.9	55.9	99.9	49.0	93.
57.9	132.3	16675.6	100.0	-77.2	-59.9	297.3	8.8	7.8	-4.0	360.2	349.9	99.9	99.9	52.1	94.
63.4	135.3	18191.7	75.0	-66.5	-59.9	254.4	4.4	6.3	1.2	429.3	349.9	99.9	99.9	53.1	96.
71.4	147.7	20482.1	50.0	-57.8	-59.9	98.2	18.7	-10.4	1.5	308.2	349.9	99.9	99.9	48.4	96.
83.9	157.0	25174.4	25.0	-49.4	-59.9	83.3	11.2	-11.1	-1.3	442.7	349.9	99.9	99.9	41.4	97.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 200  
CENTREVILLE, ALABAMA7 JUNE 1979  
2303 GMT

TIME MIN	CHTCT	HEIGHT GEM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DEG K	E POT V DEG K	MX RTO GM/KG	SH PCT	RANGE KM	AZ DEG
0.0	6.7	140.0	997.6	25.0	20.2	170.0	3.1	-0.5	3.1	302.4	342.0	15.1	55.0	0.0	0.
09.9	99.9	99.9	1000.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	0.8	343.0	975.0	26.7	20.3	166.3	3.3	-0.8	3.2	302.8	343.7	15.6	68.1	0.2	367.
1.6	11.1	573.5	950.0	25.0	17.9	172.9	3.1	-0.4	3.1	302.8	344.4	15.7	73.7	0.3	345.
2.4	13.4	807.6	925.0	22.5	14.6	190.1	2.6	0.5	2.6	302.3	341.8	14.7	74.4	0.5	351.
3.4	15.7	1048.2	900.0	20.7	12.6	213.7	3.5	2.2	3.2	302.5	341.2	14.3	82.4	0.6	158.
4.4	14.1	1290.1	875.0	19.0	10.3	213.2	4.3	3.4	5.3	303.5	337.7	12.6	76.1	0.9	12.
5.3	23.5	1539.4	850.0	17.4	11.6	213.5	7.5	3.8	6.5	304.3	336.1	11.7	78.7	1.2	17.
6.2	22.9	1756.3	825.0	14.6	13.0	213.1	8.6	4.7	7.2	305.1	335.8	11.4	64.4	1.7	21.
7.0	25.3	2075.9	800.0	14.2	10.4	217.9	7.7	4.7	6.0	306.3	333.8	10.0	77.8	2.1	24.
8.3	27.4	2176.1	775.0	12.6	9.3	222.7	7.6	5.2	5.6	307.4	334.1	9.6	80.5	2.5	27.
9.1	33.4	2598.2	750.0	11.6	2.6	219.6	7.1	4.5	5.5	309.2	327.4	6.3	85.5	2.9	29.
10.1	32.9	2982.5	725.0	11.1	-7.1	209.5	6.6	3.2	5.7	311.6	321.0	3.1	27.3	3.4	30.
11.1	35.6	3172.7	700.0	9.8	-3.7	221.7	5.3	3.5	3.9	313.4	325.9	4.2	38.5	3.7	30.
12.2	34.2	3476.1	675.0	8.2	0.2	241.7	4.9	4.3	2.3	314.6	331.9	5.8	57.5	4.3	32.
13.6	32.9	3792.0	650.0	6.4	3.7	253.6	5.6	5.3	1.9	316.2	336.6	6.2	68.8	4.3	35.
14.6	31.6	4108.3	625.0	3.8	3.0	275.5	7.1	7.0	1.5	316.5	335.2	6.2	76.2	4.7	38.
15.4	35.4	4439.2	600.0	2.1	-1.1	272.8	8.7	8.7	-0.4	318.5	336.7	5.4	72.7	5.1	43.
16.3	49.3	4782.1	575.0	-0.3	-0.9	271.9	10.1	10.1	-0.3	319.7	336.4	5.0	65.6	5.5	46.
17.1	52.1	5137.5	550.0	-1.8	-4.4	273.7	10.3	10.3	-0.7	321.5	337.4	5.0	62.6	6.1	53.
18.5	55.1	5508.9	525.0	-3.9	-6.1	274.1	10.6	10.7	-0.8	323.6	338.2	4.6	84.5	6.7	59.
20.0	59.3	5891.0	500.0	-6.3	-9.2	271.4	11.6	11.6	-0.3	325.4	337.4	3.8	80.1	7.6	52.
22.5	61.4	6290.5	475.0	-9.1	-14.6	269.5	13.3	13.3	0.1	326.7	335.2	2.6	55.4	8.0	61.
23.3	64.6	6707.9	450.0	-11.2	-24.7	271.7	15.6	15.9	-0.5	329.2	333.6	1.3	36.5	9.4	62.
25.5	67.3	7144.2	425.0	-14.0	-23.5	269.6	16.5	16.5	0.1	331.0	335.6	1.4	44.5	11.3	72.
27.2	71.3	7503.0	400.0	-15.9	-33.2	258.4	18.9	18.6	3.8	334.4	336.8	0.7	24.9	13.2	74.
28.7	74.9	8086.7	375.0	-17.4	-33.2	260.5	19.4	15.2	3.2	338.2	339.9	0.4	14.4	15.1	74.
30.7	74.4	8601.6	350.0	-21.3	-53.1	270.0	20.5	20.5	0.0	340.1	340.2	0.0	1.8	17.2	75.
33.4	77.3	9143.7	325.0	-25.8	-55.4	285.6	21.2	20.4	-5.7	341.2	341.4	0.1	4.3	19.1	78.
35.4	77.3	9718.2	300.0	-24.7	-57.7	282.3	22.6	20.9	-8.6	343.5	343.8	0.1	5.9	21.4	82.
37.5	70.6	10332.0	275.0	-24.5	-57.3	266.9	22.7	20.2	-10.2	344.6	344.9	0.1	8.1	23.9	85.
39.4	35.0	10389.6	250.0	-40.4	99.9	226.6	22.6	20.4	-9.5	345.4	345.9	95.9	95.9	26.4	89.
41.2	99.6	11597.9	225.0	-46.7	99.9	231.0	21.8	20.1	-8.5	346.5	346.9	99.9	99.9	29.5	91.
44.1	104.6	12467.9	200.0	-53.1	99.9	300.3	24.8	21.4	-12.5	348.8	349.9	99.9	99.9	33.2	94.
47.0	113.0	13717.3	175.0	-58.6	99.9	301.8	26.3	22.4	-13.8	352.5	352.9	99.9	99.9	37.4	98.
50.4	117.0	14266.9	150.0	-67.4	99.9	299.0	25.0	21.9	-12.1	355.7	355.9	99.9	99.9	42.3	100.
53.3	122.5	15156.3	125.0	-73.3	99.9	307.3	18.6	14.8	-17.2	362.2	362.5	99.9	99.9	47.0	102.
56.7	127.7	16558.5	100.0	-72.7	99.9	313.7	5.2	6.7	-6.4	367.4	367.4	99.9	99.9	50.3	104.
60.7	137.7	18741.9	75.0	-67.4	99.9	45.2	8.5	-8.4	-5.6	431.6	431.6	99.9	99.9	53.6	107.
72.3	146.7	20463.2	50.0	-57.6	99.9	90.5	8.9	-8.9	0.1	507.6	507.6	99.9	99.9	66.4	108.
85.1	176.3	25331.0	25.0	-50.0	99.9	75.4	12.5	-12.1	-3.2	641.5	641.5	99.9	99.9	39.1	113.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 229  
CENTENVILLE, ALABAMA

8 JUNE 1979  
209 GMT

TIME MIN	CMCT	MPGHT GPM	PRES MB	TEMP DEG C	DPW PT DEG C	DIR DEG	SPEED M/SEC	I COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	ME RTQ GM/KG	RM PCT	RANGE KM	AZ DEG
0-0	5-9	140-0	698.5	24.1	21.0	100.0	2.1	-2.1	0.4	297.4	339.0	15.9	83.0	0.0	0.
0-5	9-9	99-9	1003.0	99.9	53.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0-7	9-1	350.7	975.0	26.0	21.9	141.5	10.3	-6.4	8.1	301.4	366.9	17.2	77.7	0.2	291.
1-5	10-4	590.2	950.0	24.8	21.0	142.4	7.3	-4.5	5.8	302.3	366.8	16.7	76.5	0.6	313.
2-5	12-7	814.5	935.0	23.1	17.7	166.3	6.9	-1.5	6.3	302.9	365.3	15.9	81.3	0.9	314.
3-4	17-0	1373.7	930.0	21.3	13.1	169.3	7.1	1.2	7.2	303.2	365.6	15.7	87.2	1.3	324.
4-2	17-4	1268.4	875.0	15.6	16.6	207.5	8.0	3.7	7.1	304.2	361.3	13.8	82.9	1.5	343.
5-1	17-8	1549.1	850.0	17.8	15.2	220.1	7.5	9.1	6.0	305.6	360.0	12.9	86.6	1.8	352.
6-1	22-1	1403.7	825.0	16.1	12.4	223.3	6.2	5.6	6.0	305.6	336.0	11.1	79.0	2.1	1.
6-9	26-9	2065.5	800.0	15.5	9.0	225.6	6.7	4.8	4.7	307.7	331.5	9.5	61.1	2.4	8.
7-9	27-3	2134.4	775.0	12.3	9.6	214.2	5.5	3.1	4.6	308.1	335.3	9.8	78.4	2.7	11.
8-2	31-2	2110.1	750.0	11.5	10.7	211.2	5.8	3.2	4.9	306.1	339.4	10.9	94.7	3.3	14.
9-9	32-4	2458.2	725.0	10.6	9.1	226.4	5.1	3.6	3.6	310.2	339.3	10.1	91.9	3.4	16.
13-3	35-1	3186.6	700.0	9.1	6.4	236.9	4.5	4.1	2.7	312.2	337.3	6.7	83.2	3.6	19.
11-0	37-8	3482.2	675.0	8.0	2.5	231.1	5.3	4.1	3.3	314.7	336.7	6.8	68.1	3.8	22.
13-0	40-4	3799.7	650.0	6.3	4.4	219.4	6.1	3.5	5.0	316.1	339.8	6.1	87.9	4.2	23.
14-1	43-3	4120.4	625.0	2.5	2.5	225.0	6.1	4.3	4.3	316.2	338.2	7.4	93.1	4.6	24.
15-4	46-1	4422.0	600.0	2.1	1.0	241.7	6.7	5.9	3.2	318.4	339.0	6.9	91.9	5.0	27.
16-6	49-0	4795.2	575.0	0.1	-1.3	251.6	8.3	8.0	2.3	320.1	335.4	6.1	90.0	5.4	31.
18-0	52-0	5150.9	550.0	-1.9	-5.1	258.8	9.1	8.9	1.8	321.8	336.4	4.8	78.9	5.9	36.
19-3	55-0	5520.0	525.0	-3.0	-12.7	249.4	9.0	8.4	3.2	324.2	333.6	2.7	47.1	6.5	40.
20-8	58-1	5928.9	500.0	-4.6	-24.2	265.8	11.1	11.0	0.8	327.2	330.3	0.8	15.2	7.2	43.
22-3	61-3	6107.1	475.0	-6.9	-46.7	283.2	14.0	13.6	-3.2	329.4	329.9	0.1	2.5	7.4	50.
23-4	64-6	6726.3	450.0	-10.2	-35.9	294.6	16.7	15.7	-5.6	330.2	331.9	0.4	10.0	8.6	57.
25-2	68-0	7163.0	425.0	-14.4	-34.6	287.9	18.6	17.7	-5.7	330.8	331.7	0.3	10.6	9.8	66.
28-5	71-4	7620.4	400.0	-16.7	-32.0	282.3	20.2	19.4	-4.3	332.2	333.7	0.1	3.7	11.3	72.
29-5	75-0	8108.7	375.0	-17.8	-57.7	292.8	21.2	20.6	-4.7	336.0	338.2	0.0	1.8	13.6	77.
30-7	78-7	8617.3	350.0	-21.4	-64.9	283.3	20.5	19.3	-6.8	338.6	340.1	0.0	2.6	15.7	81.
32-7	82-7	9159.9	325.0	-25.9	-52.0	296.2	20.8	18.7	-9.2	341.0	341.4	0.1	6.5	17.8	85.
34-7	86-7	9738.5	300.0	-25.7	-54.9	294.5	19.3	17.6	-8.0	343.2	343.8	0.1	6.6	20.0	89.
37-0	91-0	10147.8	275.0	-31.3	-55.5	291.0	19.3	18.1	-6.9	346.2	344.3	0.1	10.6	22.3	92.
38-4	95-4	11708.4	250.0	-40.9	-59.9	293.7	20.4	18.6	-8.2	345.2	344.3	99.9	99.9	23.0	94.
42-3	103-2	11711.7	225.0	-46.6	-59.9	300.5	23.7	20.4	-12.0	347.6	349.9	99.9	99.9	28.3	97.
45-1	105-3	12483.4	200.0	-52.6	-59.9	307.5	24.1	19.1	-14.6	349.2	349.9	99.9	99.9	32.3	100.
48-5	111-8	13331.5	175.0	-58.9	-59.9	309.1	24.0	18.4	-15.1	352.4	354.9	99.9	99.9	35.6	104.
51-9	117-0	14284.2	150.0	-61.7	-59.9	309.9	23.7	18.2	-15.2	354.2	359.9	99.9	99.9	41.2	107.
55-8	121-5	15371.9	125.0	-73.2	-59.9	314.9	18.9	12.0	-11.9	362.5	369.9	99.9	99.9	45.5	109.
60-2	131-0	16465.3	100.0	-72.4	-59.9	338.0	8.2	3.1	-7.6	367.2	369.9	99.9	99.9	48.5	111.
66-7	131-3	16375.6	75.0	-62.1	-59.9	67.0	6.0	-5.9	-2.3	430.4	369.9	99.9	99.9	48.6	113.
74-6	143-7	20470.1	50.0	-55.3	-59.9	73.8	9.1	-8.8	-2.5	503.5	369.9	95.5	95.9	45.4	116.
84-3	154-5	25313.6	25.0	-50.9	-59.9	84.4	15.3	-15.3	-1.5	638.7	369.9	99.9	99.9	37.1	126.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229  
CENTERVILLE, ALABAMA  
8 JUNE 1979  
566 GMT

TIME MIN	CNTCT	WGTGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DEG F	E POT T DEG F	WIND GMS/KG	AM PCT	RANGE KM	AZ DEG
0-3	0-0	140-0	999-0	23-1	22-4	180-0	3-1	0-0	3-1	256-2	328-2	15-4	85-0	0-0	0-0
0-9	99-9	95-9	1000-0	95-9	95-9	95-9	95-9	95-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9
0-6	0-2	354-0	975-0	27-4	27-4	180-0	9-2	-4-2	8-0	300-7	340-8	15-1	71-4	0-5	325-0
1-0	10-5	582-8	953-0	24-0	19-3	157-7	8-7	-3-1	7-5	301-8	341-8	15-0	70-7	0-9	330-0
2-5	12-0	916-1	925-0	21-7	19-1	172-1	7-0	-1-0	6-9	301-7	341-7	15-2	85-0	1-3	333-0
3-4	15-1	1054-2	923-0	20-6	17-9	190-7	5-9	1-7	6-7	302-7	341-7	14-6	84-0	1-6	341-0
4-1	17-5	1257-7	875-0	18-1	16-3	206-9	5-5	2-5	4-9	302-6	338-6	13-9	89-2	1-9	347-0
5-3	19-9	1545-8	850-0	15-9	14-6	208-1	6-1	2-5	5-6	302-8	338-3	12-4	91-8	2-1	351-0
6-3	22-4	1500-0	825-0	14-6	11-3	187-7	5-8	0-8	5-6	304-1	338-4	10-3	80-8	2-5	356-0
7-3	24-9	2060-5	813-0	13-9	7-0	195-3	4-0	1-1	3-6	306-5	328-1	7-9	63-0	2-8	357-0
8-1	27-4	2724-5	775-0	13-2	9-9	186-9	2-0	0-2	2-0	309-1	328-1	7-0	57-0	2-9	359-0
9-5	30-0	2603-6	750-0	10-6	7-1	184-2	1-4	-0-4	1-3	308-1	331-9	8-5	78-5	3-1	358-0
10-7	32-6	2186-0	725-0	5-2	7-4	111-9	0-5	-0-1	0-2	309-5	335-0	9-0	85-1	3-1	358-0
11-9	35-2	3177-1	700-0	8-1	5-9	175-1	1-2	-0-1	1-2	311-5	335-3	8-4	80-0	3-1	357-0
13-0	37-9	3477-5	675-0	6-9	4-0	210-2	3-1	1-7	2-6	313-4	335-3	7-6	81-6	3-3	359-0
14-2	40-7	3787-5	650-0	5-3	0-8	207-9	3-5	1-8	3-4	315-0	335-3	6-3	72-4	3-5	1-0
15-4	43-3	4107-3	620-0	2-9	1-3	220-6	5-0	3-3	3-8	315-8	335-8	6-0	89-4	3-7	4-0
16-5	45-1	4437-7	600-0	1-3	-0-8	231-5	6-3	5-0	3-7	317-6	335-6	3-7	85-7	4-0	8-0
17-7	47-0	4779-1	575-0	-0-8	-7-9	253-3	6-6	6-4	1-7	319-1	330-4	3-7	98-4	4-3	12-0
19-1	50-0	5132-4	550-0	-3-9	-12-7	257-7	7-4	7-2	1-6	319-4	327-7	2-6	90-2	4-5	19-0
20-5	53-0	5458-9	525-0	-5-7	-17-9	251-8	9-3	8-8	2-9	321-5	327-3	1-8	37-5	5-0	29-0
21-9	55-1	5781-4	500-0	-5-2	-13-2	262-0	11-1	11-0	1-5	326-7	326-9	0-1	1-0	5-6	32-0
23-2	61-4	6782-4	475-0	-7-9	-4-4	277-5	13-9	13-8	-1-8	328-2	328-7	0-1	2-8	6-2	40-0
24-5	64-6	6659-9	450-0	-11-2	-51-9	287-7	17-1	16-2	-5-2	329-2	329-8	0-1	1-9	6-9	50-0
26-3	68-0	7136-0	425-0	-14-2	-57-9	293-4	20-4	18-7	-8-1	330-7	331-0	0-1	2-1	7-6	62-0
28-1	71-4	7454-5	400-0	-15-1	-57-5	291-2	22-7	21-1	-8-2	335-4	335-5	0-0	1-0	9-5	71-0
30-2	75-1	8075-7	375-0	-16-3	-61-6	290-7	21-3	20-0	-7-6	337-2	337-4	0-0	1-0	11-9	81-0
32-1	79-4	8591-2	350-0	-22-2	-68-0	293-9	20-4	18-3	-8-9	338-9	338-0	0-0	1-0	16-1	86-0
34-3	82-7	9131-5	325-0	-24-0	-54-3	300-0	15-4	16-8	-9-7	340-6	341-1	0-1	3-9	16-3	91-0
36-5	86-7	9705-6	300-0	-30-8	-58-5	298-7	18-9	17-1	-7-9	341-5	342-1	0-0	4-7	14-5	92-0
38-4	91-0	10115-8	275-0	-36-3	-57-7	291-8	19-9	18-1	-7-3	342-6	342-8	0-1	8-8	21-0	97-0
41-4	95-4	10265-6	250-0	-41-7	-59-7	300-5	21-2	18-3	-11-0	344-1	344-6	99-9	669-9	24-0	99-0
44-2	102-3	11475-6	225-0	-46-9	-62-9	313-5	23-6	17-9	-15-3	346-6	346-9	99-9	999-9	27-4	103-0
47-3	105-4	12487-1	200-0	-52-9	-69-9	313-5	23-0	17-6	-14-9	346-1	346-9	99-9	999-9	31-1	104-0
50-2	113-8	13455-4	175-0	-55-3	-64-3	313-7	22-8	16-5	-15-7	352-0	352-9	99-9	999-9	35-0	110-0
53-5	115-8	14284-5	150-0	-62-8	-71-9	320-3	21-5	13-7	-16-5	355-1	359-9	99-9	999-9	39-0	112-0
57-7	123-5	15125-7	125-0	-73-9	-81-9	318-7	19-1	13-1	-13-9	361-2	369-9	99-9	999-9	43-4	115-0
62-1	133-7	16119-3	100-0	-75-6	-87-9	341-1	9-7	3-1	-9-2	361-6	369-9	99-9	999-9	47-5	117-0
64-4	137-0	17115-5	75-0	-70-2	-89-9	72-1	5-1	-4-8	-1-6	425-7	509-9	56-5	669-9	47-1	119-0
70-9	147-3	20786-1	50-0	-60-3	-89-9	73-8	10-3	-9-9	-2-9	501-4	599-9	99-9	999-9	44-0	122-0
93-5	154-0	25056-2	25-0	-45-6	-97-9	80-3	13-8	-13-8	-0-2	642-1	999-9	59-9	999-9	35-9	134-0

00 9Y SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
00 9Y TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
00 9Y SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 229  
CENTERVILLE, ALABAMA

8 JUNE 1976  
900 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	PCT 1 DEG K	E POT 1 DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	7.2	140.0	999.4	22.7	21.3	190.0	2.0	0.5	2.0	295.8	337.9	16.2	92.0	0.0	0.
99.9	99.9	99.9	1000.0	55.0	50.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	9.4	357.9	975.0	24.9	22.0	243.0	4.9	4.4	2.1	300.2	345.9	17.3	83.8	0.3	21.
1.3	11.7	586.3	950.0	23.5	19.3	243.9	4.9	4.4	2.1	301.1	341.0	15.0	77.2	0.5	42.
2.0	14.1	815.5	925.0	22.1	19.8	211.9	3.7	1.9	3.1	302.6	344.4	16.0	66.7	0.6	48.
2.8	16.5	1054.3	900.0	20.9	18.0	163.7	5.0	-1.3	4.0	303.1	346.9	15.6	88.9	0.6	37.
3.6	18.9	1302.2	875.0	15.2	17.1	163.8	5.9	-1.7	5.7	303.8	342.0	14.2	87.4	1.0	22.
4.6	21.3	1541.7	850.0	17.1	16.1	164.6	5.9	-1.6	5.7	304.1	341.1	12.7	93.9	1.2	13.
5.4	23.8	1806.6	825.0	15.4	14.4	161.1	6.3	-2.0	6.0	304.5	339.4	12.7	93.9	1.5	7.
6.3	25.3	2064.3	800.0	14.9	13.1	165.1	5.2	-0.9	5.1	306.4	336.4	12.0	91.4	1.8	3.
7.2	26.8	2316.6	775.0	12.7	11.6	185.3	5.1	0.7	5.0	307.2	336.4	11.2	92.7	2.0	3.
8.1	31.4	2612.4	750.0	11.3	10.1	185.4	4.8	0.5	4.8	308.2	336.0	10.5	92.6	2.3	4.
8.7	34.0	2895.4	725.0	5.8	5.7	173.3	3.3	-0.4	3.3	310.2	332.9	8.0	75.5	2.5	3.
9.9	36.7	3187.7	700.0	5.1	4.9	163.7	1.5	0.2	1.5	312.4	335.2	7.8	74.9	2.7	3.
10.9	39.4	3456.0	675.0	7.7	2.4	234.9	1.7	1.4	1.0	314.2	334.0	6.8	68.8	2.7	3.
11.8	42.1	3799.8	650.0	6.0	3.1	253.2	3.2	3.1	0.9	315.7	337.4	7.4	81.8	2.8	6.
12.8	44.9	4120.3	625.0	3.5	0.3	257.7	4.1	4.0	0.9	316.4	335.0	6.3	79.5	2.8	10.
13.6	47.8	4451.6	600.0	2.9	-0.9	255.4	5.7	5.5	1.4	319.2	331.3	3.8	48.6	3.0	15.
14.9	53.8	4794.6	575.0	-0.3	-7.3	250.7	6.7	6.5	1.5	319.7	331.5	3.8	58.9	3.2	22.
16.0	53.8	5174.6	550.0	-2.8	-13.9	244.1	7.1	7.1	0.7	320.7	330.2	3.0	53.6	3.5	28.
17.2	50.8	5516.1	525.0	-5.0	-18.8	270.5	9.1	9.1	-0.7	322.4	326.8	2.3	46.1	3.8	36.
18.5	61.0	5858.6	500.0	-6.1	-27.6	278.9	11.8	11.7	-1.8	325.7	326.4	0.6	16.2	4.2	45.
19.6	61.1	6299.1	475.0	-7.8	-34.8	291.1	12.6	11.8	-4.5	328.4	326.8	0.0	1.0	4.8	54.
21.0	66.4	6717.4	450.0	-10.4	-50.5	301.8	14.4	12.2	-7.6	330.2	330.4	0.0	1.0	5.3	65.
22.4	69.6	7156.0	425.0	-11.9	-57.5	306.4	19.8	17.1	-10.0	333.7	333.9	0.0	1.0	6.2	76.
24.3	73.1	7617.7	400.0	-14.0	-54.8	301.3	20.3	17.4	-10.6	336.8	337.0	0.0	1.0	7.6	86.
25.5	76.9	8103.9	375.0	-17.8	-61.3	305.5	20.4	17.2	-11.0	338.0	338.1	0.0	1.0	9.3	93.
27.1	92.5	8615.9	350.0	-21.8	-55.2	305.4	18.0	15.4	-10.9	339.4	338.6	0.1	3.1	11.0	98.
29.0	84.4	9156.2	325.0	-26.5	-55.9	302.8	17.5	14.7	-9.5	340.1	340.6	0.1	4.4	12.8	102.
31.0	64.5	9729.9	300.0	-30.3	-56.3	291.5	17.1	15.9	-6.3	342.7	342.9	0.1	5.9	14.8	104.
32.8	92.7	10324.6	275.0	-35.4	-56.4	294.2	16.8	15.3	-6.0	343.5	344.2	0.1	9.3	16.6	105.
34.9	97.2	10988.5	250.0	-40.2	-57.9	312.7	15.8	14.6	-13.4	346.2	349.8	99.9	99.9	18.7	107.
37.6	102.0	11788.3	225.0	-46.1	-59.9	314.9	19.0	13.8	-13.0	347.5	349.9	99.9	99.9	21.4	111.
39.9	137.0	12681.5	200.0	-51.9	-59.9	316.9	20.1	13.8	-14.7	350.2	349.9	99.9	99.9	24.1	116.
42.7	112.5	13334.7	175.0	-56.4	-59.9	317.1	20.6	14.2	-15.3	352.2	349.9	99.9	99.9	27.1	117.
45.4	114.5	14283.7	150.0	-67.0	-59.9	324.9	19.3	11.1	-15.8	354.7	349.9	99.9	99.9	30.5	119.
49.0	125.0	15362.7	125.0	-74.4	-59.9	319.8	16.4	10.7	-12.7	360.2	349.9	99.9	99.9	31.6	122.
53.0	132.6	16554.0	100.0	-74.9	-59.9	352.1	11.7	1.6	-11.4	363.2	349.9	99.9	99.9	37.3	123.
57.9	139.7	18354.0	75.0	-85.6	-59.9	352.1	7.2	-5.7	-4.4	427.6	349.9	99.9	99.9	37.0	126.
65.3	141.3	20828.4	50.0	-86.1	-59.9	73.0	13.0	-12.8	-3.3	501.4	349.9	99.9	99.9	35.3	132.
77.5	157.0	25274.6	25.0	-89.6	-59.9	92.4	5.7	-9.7	0.4	642.0	349.9	99.9	99.9	29.6	146.

0.9Y SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0.9Y TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
0.0 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229  
 CENTERVILLE, ALABAMA

 8 JUNE 1979  
 1100 GMT

TIME MIN	CATCY	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MR RTO GM/16	MR PCT	RANGE KM	AZ DEG
0.0	0.0	100.0	1000.0	22.7	21.9	180.0	2.0	0.0	2.0	299.5	339.2	16.0	95.0	0.0	0.0
0.9	99.0	99.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.9	9.2	362.0	975.0	23.6	19.4	280.3	4.5	4.4	-0.8	299.0	337.9	14.0	77.3	0.2	47.0
1.0	11.5	589.7	953.0	23.4	17.3	265.3	2.6	2.5	0.2	300.6	336.3	13.3	69.1	0.4	73.0
2.6	13.7	822.7	925.0	22.0	16.3	216.8	1.4	0.8	1.1	301.5	340.6	14.5	79.4	0.4	73.0
3.5	14.1	1069.9	920.0	20.0	13.1	171.0	4.1	-0.6	4.0	302.2	344.0	15.7	54.4	0.5	81.0
4.4	14.5	1304.2	875.0	16.3	17.2	181.1	6.3	0.1	6.3	302.6	341.1	14.3	63.5	0.6	35.0
5.1	23.0	1522.8	853.0	16.3	15.4	183.5	6.6	0.4	6.9	303.2	338.6	13.1	64.5	1.0	24.0
6.2	23.3	1807.2	853.0	14.7	13.8	171.7	6.9	-0.6	6.9	304.2	337.2	12.2	94.1	1.3	14.0
7.2	25.7	2067.8	820.0	12.3	12.3	171.0	6.5	-1.1	6.8	305.2	336.4	11.3	63.8	1.7	11.0
9.1	29.3	2335.2	775.0	12.0	10.9	159.1	5.3	-1.9	4.9	306.7	336.2	10.7	93.2	2.0	8.0
9.1	31.9	2592.9	750.0	10.4	9.6	147.2	4.0	-2.2	3.4	307.5	335.9	10.1	54.8	2.3	3.0
11.0	33.3	2192.2	725.0	6.7	7.9	136.3	2.4	-1.7	1.7	309.0	334.9	9.2	94.0	2.4	1.0
11.2	35.0	3185.3	703.0	7.1	6.1	122.5	1.3	-0.6	1.1	310.4	333.8	8.5	93.2	2.5	35.0
12.1	34.7	3131.4	675.0	5.3	4.1	213.7	1.8	1.0	1.5	311.6	333.6	7.7	51.8	2.5	15.0
13.0	41.3	3745.8	633.0	3.9	2.9	225.1	4.1	2.9	2.9	313.3	332.5	6.3	93.4	2.6	1.0
13.0	46.1	4105.0	625.0	1.6	3.3	237.6	5.6	4.8	3.0	314.2	332.8	6.3	93.8	2.6	5.0
14.0	45.9	4435.4	633.0	-1.0	-13.5	254.8	7.2	6.9	1.9	315.0	322.0	2.2	37.9	3.0	12.0
14.1	42.9	4775.2	577.0	-2.0	-11.9	279.1	7.6	7.7	0.7	317.7	320.0	2.7	46.5	3.5	21.0
15.5	34.9	5127.4	553.0	-3.9	-14.0	279.1	7.6	7.7	-1.2	319.0	320.0	1.7	32.4	3.5	31.0
15.8	50.8	5493.0	533.0	-5.6	-53.5	262.7	9.6	9.3	-2.1	321.7	321.9	0.0	1.0	4.2	53.0
22.0	54.9	5474.5	533.0	-6.5	-54.0	279.5	10.1	10.0	-1.7	325.2	325.4	0.0	1.0	4.2	53.0
21.3	62.0	6274.2	475.0	-7.7	-54.8	265.9	10.8	10.4	-3.0	328.5	324.7	0.0	1.0	4.7	57.0
22.7	65.1	6691.5	453.0	-6.3	-55.8	302.6	14.5	11.2	-6.3	331.0	331.7	0.0	1.0	6.1	42.0
24.4	67.0	7133.3	435.0	-11.4	-57.4	317.1	17.9	12.2	-13.1	333.0	330.7	0.0	1.0	6.1	42.0
26.1	71.0	7595.6	433.0	-13.7	-59.6	315.5	17.0	11.9	-12.1	337.2	337.4	0.0	1.0	7.5	95.0
23.3	75.7	8082.7	375.0	-17.7	-61.2	317.5	15.8	10.7	-11.6	338.1	336.3	0.0	1.0	7.5	95.0
33.3	73.4	8594.5	353.0	-22.4	-64.2	323.6	15.8	9.4	-12.7	338.4	336.7	0.0	1.0	10.3	104.0
31.9	71.2	9118.0	323.0	-24.6	-64.9	322.2	15.9	5.4	-12.2	340.1	340.1	0.0	1.0	11.8	113.0
33.2	67.2	9701.8	300.0	-31.2	-63.9	313.6	15.5	11.6	-10.1	341.2	341.5	0.0	1.0	13.5	117.0
34.3	31.5	10117.1	275.0	-36.2	-73.2	304.3	16.3	13.7	-9.7	342.0	342.9	0.0	1.0	14.7	114.0
34.7	47.9	10771.2	240.0	-41.1	-59.9	318.0	17.5	11.7	-13.0	345.0	345.9	95.9	99.9	19.1	120.0
41.2	103.6	11680.6	225.0	-45.5	97.9	321.4	19.7	11.7	-15.0	348.6	349.9	99.9	99.9	20.7	123.0
48.2	105.4	12635.2	203.0	-52.0	52.7	321.1	18.0	11.3	-14.0	350.5	349.9	99.9	99.9	23.9	126.0
47.2	111.3	13305.8	175.0	-55.4	59.9	222.5	16.5	10.0	-13.1	352.0	349.9	99.9	99.9	27.3	127.0
51.3	117.3	14778.2	153.0	-66.6	93.9	332.7	15.6	5.9	-14.4	355.4	349.9	99.9	99.9	30.1	130.0
45.1	115.9	15136.2	125.0	-72.9	59.9	338.8	16.6	9.2	-14.7	362.9	349.9	99.9	99.9	33.9	133.0
52.9	111.0	16438.5	100.0	-74.7	97.9	2.7	11.5	-2.6	-11.6	363.5	349.9	99.9	99.9	37.9	135.0
63.7	134.7	17125.7	75.0	-65.3	93.9	61.1	9.0	-7.9	-4.4	427.6	349.9	99.9	99.9	37.9	139.0
74.1	147.3	20121.2	50.0	-56.8	59.9	79.0	12.4	-12.7	-2.3	504.9	349.9	99.9	99.9	36.4	148.0
87.1	144.3	25257.8	25.0	-51.4	93.9	85.2	12.4	-12.3	-1.0	637.3	349.9	99.9	99.9	33.1	163.0

 \* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE (R TIME HAVE BEEN INTERPOLATED)  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232  
 BOOTHVILLE, LOUISIANA

 7 JUNE 1979  
 2000 GMT

156 10. 0

TIME MIN	CNCT	HEIGHT GPM	PRFS MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG C	E POT T DEG C	MX RTO CM/SEC	RM CT	RANGE KM	AZ DEG
0.0	9.1	1.0	1019.1	25.9	23.1	170.0	5.1	-0.9	5.0	301.2	349.2	17.9	67.0	0.0	0.
0.1	5.2	125.9	1000.0	26.7	20.7	999.9	59.9	99.9	99.9	299.8	349.9	15.6	69.7	999.9	999.
0.2	7.0	149.7	975.0	25.3	20.5	499.9	95.9	91.9	99.9	300.4	342.4	15.8	74.5	999.9	999.
1.5	9.1	578.5	950.0	23.6	20.0	999.9	95.9	99.9	99.9	301.1	342.7	15.7	80.1	999.9	999.
2.5	11.0	411.5	925.0	21.4	14.4	499.9	95.9	99.9	99.9	301.2	340.1	14.6	83.1	999.9	999.
3.6	13.2	1249.2	925.0	20.4	11.9	167.6	5.3	-1.1	5.2	302.6	332.9	11.2	86.2	1.2	361.
4.6	13.3	1392.5	875.0	18.8	12.2	167.0	5.8	-1.7	5.5	303.4	331.9	10.3	85.4	1.6	361.
5.7	17.4	1361.2	855.0	17.4	10.0	160.6	4.2	-1.4	4.7	304.4	329.5	9.1	81.6	1.9	362.
6.4	19.6	1796.2	825.0	17.1	-3.5	181.9	3.1	0.1	3.1	306.7	319.8	4.5	30.3	2.1	362.
8.0	21.7	2357.9	800.0	15.9	-3.2	195.3	2.7	0.7	2.6	308.1	319.2	3.8	26.7	2.3	364.
9.1	24.1	2326.7	775.0	14.9	-4.0	233.7	2.6	2.0	1.7	309.8	318.0	2.7	16.7	2.4	367.
10.1	26.3	2333.3	750.0	13.6	-10.6	233.6	3.3	2.8	1.7	311.4	318.4	2.3	17.5	2.5	352.
11.4	29.8	2887.5	725.0	11.9	-13.2	273.4	3.8	3.8	-0.0	312.5	319.0	2.1	17.2	2.5	357.
12.5	31.3	3180.3	705.0	10.7	-14.5	275.0	3.6	3.6	-0.3	314.3	319.1	1.5	13.1	2.5	3.
13.4	31.0	3481.9	675.0	9.2	-19.3	241.7	3.5	3.1	1.6	316.6	320.0	1.2	11.4	2.5	7.
14.9	36.4	3793.9	650.0	8.4	-23.1	218.8	5.2	3.0	4.3	318.4	323.4	1.2	11.2	2.8	11.
16.1	39.1	4116.6	625.0	6.8	-24.4	207.1	6.0	2.7	5.4	320.3	323.2	0.9	6.6	3.2	16.
17.4	41.6	4453.9	600.0	5.0	-16.0	209.9	5.2	2.6	4.5	321.5	327.8	1.8	20.1	3.6	15.
19.8	44.4	4796.3	575.0	3.6	-14.1	229.6	6.4	4.5	4.5	323.1	328.4	1.6	19.9	4.1	17.
20.3	47.4	5154.6	550.0	0.6	-20.8	230.8	6.5	5.4	4.4	324.6	329.2	1.3	18.2	4.6	21.
21.7	53.3	5526.0	525.0	-1.9	-17.6	241.6	8.3	7.3	3.9	326.1	335.1	2.8	44.2	5.1	25.
23.3	57.3	5912.4	500.0	-4.8	-7.6	254.6	10.0	9.7	2.7	327.1	340.8	4.3	60.9	5.9	32.
24.7	58.3	6314.9	475.0	-7.0	-0.4	253.0	11.0	10.5	3.2	329.4	342.0	4.0	62.8	6.4	37.
26.3	59.6	6715.2	450.0	-5.9	-13.8	253.1	11.0	10.7	2.8	330.8	340.4	2.9	73.4	7.4	42.
29.0	63.0	7174.1	425.0	-12.6	-17.4	249.2	6.8	6.6	-1.7	332.8	340.5	2.3	67.1	8.1	46.
29.9	65.4	7616.9	405.0	-13.5	-49.6	324.8	7.3	4.2	-6.0	337.5	337.9	0.1	3.0	8.1	51.
31.4	73.1	8124.6	375.0	-16.5	-51.1	321.4	7.4	4.6	-5.8	339.2	340.1	0.1	3.2	8.1	57.
33.7	73.7	8639.6	350.0	-20.5	-47.5	315.4	7.4	5.2	-5.2	341.2	341.8	0.1	6.8	8.3	63.
35.7	77.8	9142.4	325.0	-25.3	-46.2	310.9	9.1	6.8	-5.9	341.8	342.5	0.2	12.4	8.6	69.
37.7	91.9	9758.6	300.0	-35.2	-46.3	291.7	7.5	6.9	-2.8	344.2	345.0	0.2	17.7	9.3	74.
43.0	96.0	10373.6	275.0	-38.2	-41.9	271.8	6.2	6.2	-0.2	345.7	346.3	0.2	20.8	10.1	77.
42.7	93.8	11032.3	250.0	-40.4	59.9	265.3	8.3	8.3	0.1	346.0	349.9	99.9	99.9	11.1	79.
45.4	95.8	11741.2	225.0	-46.5	99.9	270.0	11.5	11.5	-0.0	347.2	349.9	99.9	99.9	12.6	79.
47.2	101.0	12451.8	200.0	-53.0	59.9	280.0	11.2	11.0	-1.9	348.6	349.9	99.9	99.9	14.7	81.
50.9	107.0	13156.3	175.0	-59.8	57.9	275.7	9.2	9.1	-0.9	351.3	349.5	99.9	99.9	16.2	83.
54.2	113.5	14304.9	150.0	-67.6	99.9	265.5	9.4	9.4	0.1	353.7	349.9	99.9	99.9	18.0	86.
57.0	120.7	15383.8	125.0	-73.7	59.9	311.9	6.7	5.0	-4.6	361.2	349.9	99.9	99.9	19.8	89.
62.0	130.0	16670.9	100.0	-76.9	59.9	265.9	3.4	3.4	0.2	379.2	349.9	99.9	99.9	19.9	89.
67.4	134.0	19100.4	75.0	-87.9	53.9	79.5	7.7	-7.6	-1.4	430.6	349.9	99.9	99.9	18.5	91.
74.9	147.3	20351.1	50.0	-98.1	59.9	98.3	11.0	-11.6	1.9	506.6	349.9	99.9	99.9	13.9	90.
85.9	157.0	25312.0	25.0	-49.2	99.9	88.6	16.8	-16.7	-1.6	643.3	349.9	99.9	99.9	4.6	87.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232  
 BOOTHVILLE, LOUISIANA

 7 JUNE 1970  
 2300 GMT

TIME MIN	CHCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DEG M	E POT V DEG M	MR RTO CM/SEC	RM PCT	RANGE KM	AZ DEG
0.0	4.0	1.0	1013.5	29.3	23.5	150.0	4.1	-2.1	3.6	301.3	349.7	18.3	71.0	0.0	0.
0.4	5.0	120.6	1000.0	27.0	23.2	136.0	4.1	-2.0	2.9	300.3	348.2	18.3	70.8	0.3	337.
1.3	6.9	145.3	975.0	24.0	22.1	107.2	4.6	-2.5	3.9	300.7	346.9	17.5	69.3	0.4	329.
2.2	4.9	173.5	950.0	23.4	21.4	148.1	4.0	-2.4	4.2	300.8	346.2	17.2	69.3	0.7	330.
3.0	13.8	806.6	925.0	25.9	19.6	153.1	5.2	-2.6	5.2	300.7	345.6	16.0	93.5	1.0	332.
3.8	12.8	1043.3	900.0	17.4	11.5	161.3	5.4	-1.8	5.5	299.4	325.6	9.7	69.0	1.3	331.
4.8	14.9	1284.6	875.0	18.6	6.7	176.1	5.0	-0.2	5.0	303.1	325.5	8.1	56.3	1.5	330.
5.4	17.0	1523.1	853.0	17.2	8.4	183.5	4.4	0.3	4.4	304.2	326.8	8.2	56.1	1.8	330.
6.8	19.2	1747.4	825.0	17.0	-5.1	172.5	2.2	-0.3	2.2	306.4	315.9	3.2	21.6	2.0	341.
7.6	21.3	2049.7	800.0	16.7	-8.0	159.3	1.3	-0.5	1.2	309.5	317.0	2.7	17.8	2.1	341.
8.5	23.4	2319.2	775.0	15.7	-12.9	161.4	0.9	-0.5	0.8	310.7	316.3	1.8	12.7	2.1	341.
9.5	25.6	2596.1	750.0	14.1	-13.7	113.5	0.7	-0.6	0.3	311.5	317.4	1.8	13.2	2.2	341.
10.6	27.9	2861.0	725.0	13.0	-15.1	113.7	0.8	-0.6	0.3	313.7	318.5	1.5	11.6	2.2	340.
11.6	33.3	3175.2	700.0	12.3	-15.7	198.0	2.1	0.6	2.0	316.2	321.3	1.6	12.5	2.2	342.
12.7	37.6	3479.0	675.0	11.4	-18.5	220.5	3.6	2.3	2.7	318.5	322.7	1.3	10.9	2.4	344.
13.4	35.1	3792.8	650.0	9.3	-18.9	226.0	4.2	2.9	3.0	319.5	323.8	1.3	11.7	2.5	350.
15.1	37.6	4116.4	625.0	7.5	-19.7	225.3	3.7	2.7	2.7	322.0	326.7	1.3	12.4	2.7	355.
16.3	43.1	4451.1	600.0	5.1	-19.0	226.5	3.7	2.7	2.6	322.1	326.7	1.4	12.5	2.9	359.
17.4	42.7	4797.0	575.0	2.7	-17.0	238.9	3.7	3.2	1.9	323.2	328.9	1.7	21.7	3.1	3.
19.0	45.4	5144.8	550.0	0.1	-20.6	241.0	4.2	4.2	2.3	324.2	328.7	1.3	19.2	3.3	4.
23.4	49.2	5525.9	525.0	-2.7	-10.9	243.5	6.4	6.4	0.7	325.2	335.3	3.2	53.5	3.5	14.
24.9	57.0	6132.5	450.0	-6.0	-34.0	265.4	9.1	9.1	0.6	332.2	335.2	0.5	10.8	5.0	44.
26.6	62.1	7173.4	425.0	-10.9	-37.8	241.8	7.5	7.3	-1.5	334.5	335.2	0.3	8.8	5.6	51.
28.4	63.4	7636.7	400.0	-14.4	-39.6	298.4	7.7	6.8	-3.7	338.3	337.4	0.3	9.4	6.0	57.
32.2	66.9	8121.3	375.0	-16.9	-42.8	301.4	6.9	5.9	-3.6	339.1	340.1	0.2	6.4	6.5	62.
36.1	74.0	9177.5	325.0	-21.7	-45.0	299.2	6.8	4.6	-5.4	341.2	341.9	0.1	10.4	7.0	74.
38.4	82.0	10365.5	275.0	-25.2	-44.3	307.3	7.1	5.6	-0.3	342.7	343.3	0.1	14.3	8.0	81.
40.6	86.2	11323.3	250.0	-30.1	-44.3	275.3	6.6	4.3	-0.4	344.5	345.2	0.3	37.7	8.7	82.
43.0	90.9	11734.1	225.0	-35.8	-45.1	263.6	9.9	9.8	1.1	346.5	346.5	99.9	999.9	5.0	83.
45.6	95.7	12507.7	200.0	-40.8	-45.9	268.6	11.7	11.7	0.7	348.4	348.4	99.9	999.9	11.4	83.
48.6	101.0	13358.2	175.0	-45.9	-46.9	272.2	10.7	10.6	-1.7	350.1	349.9	99.9	999.9	13.2	85.
51.9	107.0	14107.8	150.0	-50.7	-47.8	303.8	8.6	7.4	-5.0	352.7	349.9	99.9	999.9	14.8	88.
55.5	113.7	14908.3	125.0	-54.3	-49.9	287.6	7.0	4.7	-2.1	355.1	349.9	99.9	999.9	16.0	91.
60.0	121.3	16683.5	100.0	-58.8	-52.9	319.1	5.3	3.5	-4.0	360.9	349.9	99.9	999.9	17.3	92.
65.5	133.3	14175.3	75.0	-70.5	-59.9	26.6	4.2	-1.9	-3.8	363.2	349.9	99.9	999.9	17.8	96.
73.0	161.0	20860.6	50.0	-85.1	-59.9	80.2	7.1	-7.0	-1.2	425.1	349.9	99.9	999.9	16.1	94.
87.1	153.5	25356.6	25.0	-88.0	-59.9	80.9	15.0	-11.5	-0.9	504.3	349.9	99.9	999.9	10.9	102.
								-14.8	-2.4	644.4	349.9	99.9	999.9	4.5	175.

 0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232  
MOOTWILLE, LOUISIANA

8 JUNE 1979  
200 GMT

TIME MIN	CHYCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	3.3	1.0	1013.0	25.0	23.1	150.4	4.1	-2.1	3.6	297.8	340.2	17.9	85.0	0.0	0.
0.6	4.5	122.5	1000.0	25.0	23.7	156.4	5.5	-2.4	5.4	299.8	340.1	18.0	86.0	0.2	334.
1.6	6.9	340.2	975.0	24.4	22.7	167.7	5.9	-1.3	5.0	299.7	347.4	18.2	90.5	0.5	338.
2.4	9.1	570.3	950.0	22.6	21.6	178.5	5.2	-0.1	5.2	300.1	345.9	17.4	50.3	0.8	345.
3.6	11.5	800.9	925.0	21.4	17.6	163.9	4.6	-1.3	4.4	301.2	335.2	13.9	78.8	1.1	347.
4.4	13.9	1048.5	900.0	20.0	13.7	159.5	5.1	-1.7	4.8	302.2	332.0	11.0	66.9	1.4	345.
5.4	16.3	1287.5	875.0	18.9	10.7	161.4	4.9	-1.6	4.7	303.4	329.0	5.3	59.0	1.7	344.
6.4	18.8	1536.0	850.0	17.3	7.7	147.9	4.3	-2.3	3.7	304.2	326.0	7.0	53.2	2.0	344.
7.5	21.3	1791.2	825.0	17.5	2.4	131.3	4.0	-3.0	2.7	307.1	323.0	5.4	34.5	2.2	340.
8.7	23.8	2053.6	800.0	17.0	-1.4	145.1	3.4	-2.0	2.8	309.3	321.9	4.3	28.5	2.5	338.
9.8	26.5	2323.4	775.0	15.6	-6.3	128.2	4.2	-3.3	2.6	310.6	321.4	3.6	25.1	2.7	336.
11.0	29.0	2600.5	750.0	14.1	-6.5	128.0	4.6	-3.6	2.8	311.6	321.4	3.1	23.4	3.0	333.
12.3	31.6	2880.1	725.0	12.0	-5.7	142.8	4.0	-2.4	3.1	313.2	324.2	3.5	26.7	3.3	331.
13.6	34.3	3160.0	700.0	11.8	-10.3	160.8	3.9	-1.3	3.7	315.6	323.3	2.5	20.7	3.6	331.
14.9	37.0	3483.9	675.0	11.0	-9.5	187.4	3.4	0.4	3.4	318.0	326.6	2.0	22.6	3.8	333.
16.1	39.8	3767.3	650.0	9.0	-13.5	187.4	2.4	0.4	3.4	319.2	325.2	2.1	18.0	4.0	335.
17.5	42.7	4120.5	625.0	6.6	-11.6	193.7	2.0	0.7	2.7	320.0	326.8	2.1	21.9	4.3	337.
18.9	45.7	4450.0	600.0	4.3	-15.0	222.7	2.2	1.5	1.6	321.1	327.5	2.0	22.9	4.4	339.
20.4	48.6	4790.7	575.0	1.8	-15.0	274.5	3.1	3.1	-0.4	322.1	328.0	2.1	27.4	4.4	341.
22.0	51.6	5150.0	550.0	-0.7	-6.4	295.5	5.0	5.2	-2.5	323.2	337.1	4.5	68.4	4.1	345.
23.6	54.6	5520.5	525.0	-2.6	-7.4	283.5	6.9	6.7	-2.1	325.3	338.4	4.2	65.5	3.8	350.
25.1	58.0	5913.1	500.0	-3.9	-20.4	278.4	10.7	10.6	-1.6	328.3	333.3	1.5	25.9	3.6	0.
26.7	61.4	6310.4	475.0	-6.8	-21.4	280.0	10.2	10.0	-0.8	329.6	334.6	1.5	30.3	3.8	26.
28.4	64.8	6736.5	450.0	-8.9	-35.0	283.3	6.4	6.7	-1.6	332.1	333.4	0.4	9.1	4.1	346.
30.2	68.3	7170.7	425.0	-12.1	-32.1	293.3	6.0	6.3	-1.7	333.2	335.6	0.0	16.9	4.3	45.
32.2	72.0	7637.6	400.0	-15.1	-41.3	282.6	7.8	7.6	-1.7	335.4	336.3	0.2	8.5	4.7	55.
34.2	75.7	8122.6	375.0	-18.2	-42.4	271.1	6.0	6.0	-0.1	337.5	338.4	0.2	9.8	5.4	61.
36.2	79.7	8632.4	350.0	-22.5	-44.2	270.4	4.1	4.1	-0.0	338.4	339.2	0.2	11.0	5.9	63.
38.5	83.7	9172.5	325.0	-26.7	-45.2	296.7	4.7	4.2	-2.1	339.6	340.7	0.2	15.4	6.4	67.
40.8	88.0	9740.6	300.0	-31.2	-46.0	285.5	3.7	3.5	-1.0	341.3	342.1	0.2	21.7	6.8	71.
43.2	92.4	10356.1	275.0	-35.4	-46.2	272.9	4.8	4.8	-0.2	344.0	344.2	0.2	31.0	7.3	75.
45.9	97.2	11012.6	250.0	-40.8	99.9	273.8	7.2	7.2	-0.5	345.5	345.8	99.9	99.9	8.1	75.
48.3	102.2	11720.8	225.0	-46.6	99.9	273.9	10.4	10.4	-0.7	347.0	347.9	99.9	99.9	9.4	78.
51.9	107.6	12491.0	200.0	-52.7	99.9	301.3	8.8	7.5	-0.6	349.3	349.9	99.9	99.9	11.4	82.
55.1	113.5	13338.5	175.0	-55.6	99.9	318.6	6.6	4.4	-0.9	351.6	349.8	99.9	99.9	12.2	87.
58.8	120.0	14284.1	150.0	-67.5	99.9	300.3	6.9	6.0	-3.5	353.8	349.9	99.9	99.9	13.2	91.
62.4	127.0	15361.6	125.0	-74.2	99.9	347.8	5.2	1.1	-5.1	360.4	349.9	99.9	99.9	14.6	95.
67.1	136.7	16649.6	100.0	-79.2	99.9	400.8	4.0	-2.0	-3.8	362.2	349.9	99.9	99.9	16.1	99.
72.6	145.0	18332.0	75.0	-71.2	99.9	88.4	7.4	-7.4	-0.2	423.7	349.9	99.9	99.9	17.7	102.
81.1	152.0	20801.6	50.0	-60.9	99.9	88.1	12.6	-12.6	-0.4	500.8	349.9	99.9	99.9	4.1	104.
95.5	161.0	25241.7	25.0	-51.6	99.9	86.6	10.6	-10.5	-1.1	636.2	349.9	99.9	99.9	7.3	236.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

6 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232  
BOOTHVILLE, LOUISIANA

8 JUNE 1979  
500 GMT

TIME min	CNTCT	WEIGHT GPM	PMES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	J-COMP M/SEC	V-COMP M/SEC	POT 1 DEG K	POT 2 DEG K	NR RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	0.0	1.0	1014.0	24.1	22.5	100.0	3.0	-2.3	2.0	290.1	300.7	17.3	91.0	0.0	0.0
0.4	5.9	123.0	1000.0	24.7	21.9	99.9	99.9	99.9	99.9	297.9	301.7	16.0	81.5	999.9	999.9
1.2	7.9	346.2	975.0	23.5	20.4	99.9	99.9	99.9	99.9	298.9	300.5	15.9	83.4	999.9	999.9
2.0	10.3	573.4	950.0	22.5	18.7	999.9	99.9	99.9	99.9	300.4	312.0	12.7	70.0	999.9	999.9
2.8	12.7	893.5	925.0	21.4	16.9	135.6	4.5	-3.1	3.2	301.2	320.4	11.6	66.4	0.0	310.0
3.7	15.2	1042.9	900.0	20.2	12.8	134.7	4.7	-3.4	3.3	302.3	330.5	10.4	62.5	1.2	310.0
4.5	17.6	1265.8	875.0	18.9	9.3	130.8	4.0	-4.5	3.9	303.4	326.7	9.5	53.4	1.4	310.0
5.4	20.2	1536.5	850.0	18.0	5.3	132.1	7.2	-5.3	4.0	305.6	323.5	6.6	43.1	1.0	310.0
6.2	22.6	1799.4	825.0	17.4	-4.4	132.5	7.0	-5.2	4.7	307.2	317.1	3.3	21.0	2.2	310.0
7.2	25.3	2022.0	800.0	16.4	-2.8	130.7	9.3	-3.5	4.0	308.6	320.4	3.9	20.3	2.5	310.0
8.2	27.9	2321.5	775.0	15.4	-5.1	148.9	9.1	-2.7	4.4	310.4	320.5	3.4	20.0	2.9	310.0
9.2	30.6	2598.5	750.0	13.8	-3.0	152.6	9.1	-2.4	4.6	311.2	323.7	4.1	31.0	3.1	317.0
10.3	33.4	2893.6	725.0	12.0	-12.3	156.8	4.5	-1.8	4.1	313.7	320.1	2.9	15.8	3.4	319.0
11.1	36.0	3177.3	700.0	12.5	-16.4	164.7	3.4	-0.9	3.2	316.3	321.2	1.5	11.7	3.7	320.0
12.5	33.0	3481.3	675.0	11.1	-14.1	176.0	2.2	-0.2	2.2	318.1	324.2	1.9	15.5	3.0	321.0
13.6	41.8	3795.0	650.0	9.5	-15.3	177.0	2.6	-0.1	2.0	319.2	325.4	1.0	15.4	3.9	322.0
14.8	44.9	4112.7	625.0	7.2	-14.3	182.7	2.9	0.1	2.9	320.7	325.4	1.4	14.2	4.1	324.0
16.1	47.9	4432.7	600.0	4.5	-16.2	159.1	1.6	-0.6	1.6	321.2	327.1	1.8	20.5	4.3	326.0
17.4	50.8	4798.1	575.0	2.6	-9.7	77.6	1.4	-1.3	-0.3	323.0	333.2	3.2	40.1	4.6	328.0
19.0	54.0	5155.4	550.0	-0.8	-5.0	335.8	2.6	1.1	-2.4	323.1	337.9	4.0	73.0	4.3	324.0
20.4	57.0	5528.3	525.0	-2.3	-8.0	298.5	5.5	4.9	-2.6	325.7	338.3	4.0	66.7	4.0	326.0
22.1	61.4	5913.0	500.0	-3.8	-19.9	303.7	6.0	5.0	-3.4	328.4	333.6	1.6	27.4	3.4	330.0
23.7	63.9	6315.3	475.0	-7.2	-17.0	292.3	7.4	7.4	-3.0	329.0	336.1	2.1	45.9	2.9	337.0
25.4	67.3	6735.0	450.0	-4.2	-39.5	288.3	8.7	8.3	-2.7	331.6	332.7	0.3	6.4	2.3	356.0
27.2	72.6	7175.3	425.0	-11.7	-30.1	289.5	8.5	8.0	-2.8	333.9	336.8	0.8	20.8	2.1	16.0
29.1	74.4	7635.7	400.0	-16.3	-29.4	289.1	8.7	8.3	-2.7	333.9	336.8	0.8	31.0	2.3	41.0
31.2	75.3	8118.6	375.0	-19.8	-42.2	280.4	6.9	6.0	-1.2	336.7	337.6	0.2	10.6	2.9	60.0
33.5	82.2	8629.0	350.0	-22.3	-56.2	268.4	4.3	4.3	0.1	338.7	338.9	0.1	2.8	3.6	87.0
36.1	96.2	9168.7	325.0	-26.6	-49.5	308.4	2.1	1.7	-1.3	340.1	340.6	0.1	9.4	4.0	70.0
38.6	97.7	9700.9	300.0	-31.3	-43.8	245.3	2.8	2.6	0.7	341.3	342.3	0.3	27.8	4.1	72.0
41.5	95.3	10351.4	275.0	-35.7	-48.4	272.5	3.9	3.9	-0.2	343.6	344.2	0.2	25.4	4.7	72.0
44.3	103.0	11006.4	250.0	-40.5	-59.9	275.4	7.4	7.3	-0.7	345.8	349.4	99.9	999.9	5.5	76.0
47.3	105.0	11717.1	225.0	-46.8	-59.9	242.5	9.1	8.9	-2.0	348.6	349.9	99.9	999.9	7.0	81.0
51.0	113.4	12486.5	200.0	-52.2	-59.9	290.1	7.4	7.1	-2.6	349.4	349.9	99.9	999.9	8.7	64.0
54.8	116.3	13331.9	175.0	-60.2	-59.9	301.5	6.4	5.4	-3.3	350.2	349.9	99.9	999.9	10.1	93.0
59.0	122.4	14275.3	150.0	-62.3	-99.9	316.0	6.8	4.2	-4.3	352.4	349.9	99.9	999.9	11.5	93.0
64.1	131.0	15152.1	125.0	-74.5	-59.9	330.8	2.4	1.2	-2.1	360.6	349.9	99.9	999.9	12.3	99.0
69.1	137.3	16631.4	100.0	-79.2	-59.9	33.9	4.6	-2.7	-4.8	374.7	349.9	99.9	999.9	12.1	102.0
75.6	146.5	18303.2	75.0	-78.5	-57.9	81.9	9.5	-9.4	-1.3	425.2	349.9	99.9	999.9	9.9	110.0
84.3	142.5	20785.3	50.0	-58.4	-99.9	70.3	14.1	-13.8	-2.9	505.2	349.9	99.9	999.9	5.5	148.0
103.4	160.3	25249.6	25.0	-49.2	-99.9	999.9	99.9	99.9	99.9	644.8	349.9	54.9	999.9	14.4	247.0

0.9V SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0.9V TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
0.9V SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 232  
BOOTHVILLE, LOUISIANA

8 JUNE 1979  
000 GMT

TIME MIN	CNTCT	WEIGHT GPM	WRES MM	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U CCMP M/SEC	V COMP M/SEC	POT 1 DEG E	E POT 1 DEG E	MR RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	6.1	1.0	1013.0	23.4	22.2	150.0	3.6	-1.0	3.1	295.4	339.0	16.9	93.0	0.0	0.
0.4	5.1	121.7	1090.0	25.0	23.0	161.8	4.2	-1.1	4.0	298.2	347.5	19.0	93.1	0.2	321.
1.3	7.2	146.8	975.0	23.3	22.3	162.7	4.5	-1.3	4.3	298.6	344.7	17.7	93.9	0.4	335.
2.2	9.3	572.3	653.0	23.5	16.6	149.0	5.1	-2.6	4.3	301.1	331.0	11.1	97.5	0.6	335.
3.0	11.3	804.9	925.0	21.6	16.2	138.0	6.5	-4.2	4.7	301.4	331.6	11.2	93.2	0.9	332.
3.9	13.5	1362.5	903.0	20.6	17.3	134.1	6.6	-4.7	4.6	302.8	330.2	10.1	94.0	1.3	326.
5.0	15.7	1245.5	875.0	15.0	10.4	136.2	6.4	-4.4	4.6	303.6	328.6	9.1	97.6	1.7	324.
6.1	17.9	1534.2	853.0	17.6	7.2	132.4	7.5	-5.5	5.1	304.4	325.4	7.5	50.3	2.1	321.
7.1	20.2	1789.1	825.0	16.3	9.1	136.9	7.5	-5.1	5.1	305.8	330.4	8.9	62.3	2.6	320.
8.2	25.5	2351.0	803.0	12.2	1.5	146.4	5.9	-3.3	4.6	308.4	324.4	5.8	38.9	3.0	320.
9.2	26.9	2370.3	775.0	14.2	-3.2	147.9	5.5	-2.9	4.6	310.2	321.8	3.9	24.0	3.4	321.
10.3	27.2	2597.6	750.0	14.7	-8.5	152.5	5.2	-2.4	4.6	312.2	322.9	3.6	26.2	3.7	322.
11.4	29.7	2483.1	725.0	12.8	-6.5	162.8	4.3	-1.3	4.2	313.2	322.0	2.8	21.8	4.0	323.
12.6	32.2	3176.3	703.0	11.1	-13.7	156.8	3.6	-1.4	3.3	314.6	323.8	1.9	16.1	4.3	324.
13.7	34.8	3479.4	675.0	10.4	-12.1	144.8	2.7	-1.3	2.2	317.2	324.4	2.2	14.2	4.5	324.
15.0	37.4	3742.2	650.0	8.4	-12.4	152.5	2.0	-0.9	1.8	318.2	325.7	2.3	21.4	4.7	325.
16.3	43.1	4115.0	625.0	6.6	-17.1	174.5	2.6	-0.1	2.0	320.6	325.2	1.6	18.4	4.8	326.
17.6	47.9	4465.9	603.0	4.7	-16.4	182.7	1.3	0.2	1.3	321.6	327.3	1.8	19.9	4.9	326.
19.0	45.7	4748.3	575.0	2.2	-17.5	237.6	0.7	0.5	0.4	322.6	328.1	1.7	21.6	5.0	327.
20.5	43.6	5151.3	550.0	-1.2	-9.1	320.5	1.1	0.7	-0.9	322.7	333.7	3.5	54.7	4.9	327.
21.9	51.4	5523.4	525.0	-4.3	-5.2	291.1	3.8	3.5	-1.4	323.2	339.5	4.9	93.1	4.4	329.
23.5	54.8	5404.2	500.0	-6.9	-13.6	295.0	4.5	4.5	-2.1	324.7	335.5	3.4	75.1	4.4	332.
25.2	55.0	6305.0	475.0	-7.4	-18.2	299.7	5.3	4.6	-2.6	326.2	335.5	1.9	41.4	4.0	335.
27.0	61.3	6723.8	450.0	-10.5	-21.0	299.2	7.4	6.5	-3.6	330.1	335.5	1.6	41.4	3.5	342.
28.4	61.7	7167.1	425.0	-12.6	-26.5	301.3	8.8	7.5	-4.6	332.6	336.4	1.8	30.1	2.9	346.
30.7	64.1	7622.4	400.0	-14.7	-30.8	307.9	8.9	7.0	-5.5	334.7	337.3	0.7	25.7	2.3	348.
32.8	70.0	8135.6	375.0	-19.2	-35.1	290.2	7.2	6.7	-2.5	336.1	338.1	0.5	22.9	2.2	348.
35.1	74.8	8515.5	350.0	-22.7	-35.0	260.6	4.1	4.0	0.7	336.1	331.5	0.1	5.5	2.7	348.
37.4	73.8	9154.9	325.0	-26.9	-43.0	241.4	2.7	2.5	0.9	336.2	340.1	0.1	10.3	3.1	348.
40.0	74.2	9776.9	300.0	-31.9	-45.4	238.5	4.6	3.9	2.4	340.2	340.1	0.2	27.2	3.6	348.
42.4	80.6	10337.7	275.0	-35.6	-50.4	271.2	5.5	5.5	-0.1	342.4	344.2	0.1	14.9	4.3	402.
45.3	83.6	10394.2	250.0	-40.4	-59.9	232.8	6.7	6.2	-2.6	345.7	344.2	0.1	95.9	5.1	404.
48.3	94.4	11732.2	225.0	-42.8	-64.9	288.3	6.6	6.2	-2.1	347.0	344.2	0.1	95.9	6.0	404.
51.8	106.0	12671.5	200.0	-43.4	-69.9	242.5	7.2	7.1	-1.6	348.2	344.2	0.1	95.9	7.4	404.
55.4	110.0	13318.1	175.0	-60.3	-69.9	255.0	5.3	4.8	-2.2	350.4	344.2	0.1	95.9	8.4	404.
59.3	116.5	14263.5	150.0	-64.0	-69.9	352.3	5.2	0.7	-5.1	352.6	344.2	0.1	95.9	9.3	404.
63.5	124.0	15337.8	125.0	-75.2	-69.9	100.5	2.8	-2.8	0.3	358.6	344.2	0.1	95.9	9.9	404.
68.2	137.3	16416.8	100.0	-80.9	-69.9	15.1	5.3	-1.4	-5.3	371.4	344.2	0.1	95.9	9.9	404.
73.4	142.0	15770.9	75.0	-73.2	-69.9	93.0	2.2	-8.2	0.6	418.5	344.2	0.1	95.9	9.9	404.
78.4	92.0	95.9	50.0	-95.9	-69.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.9	93.9	99.9	25.0	-99.9	-69.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 MV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 MV TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 MV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232  
BOOTHVILLE, LOUISIANA

8 JUNE 1979

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

100 11. 1

TIME MIN	CHCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG K	E POT 1 DEG K	MP RTO GM/KG	MM PCF	RANGE KM	AZ DEG
0.0	3.5	1.0	1015.1	22.9	22.4	90.0	1.5	-1.5	0.0	294.8	338.7	17.1	97.8	0.0	0.
0.6	6.8	133.1	1008.0	24.7	23.2	99.9	99.9	99.9	99.9	297.0	345.3	18.2	91.1	999.9	999.
1.4	6.8	156.0	975.0	23.7	19.7	99.9	99.9	99.9	99.9	299.0	350.0	15.1	78.8	999.9	999.
2.2	9.1	583.7	920.0	24.2	13.8	139.0	3.5	-2.3	2.6	301.7	330.2	10.5	52.3	0.4	326.
3.2	11.3	916.7	920.0	22.0	13.5	140.2	4.3	-2.4	3.4	301.2	330.5	10.4	50.4	0.6	327.
4.0	11.6	1054.1	900.0	20.2	11.1	150.6	5.5	-2.2	5.1	302.3	327.4	9.3	52.9	0.4	326.
5.0	13.8	1268.9	875.0	18.9	9.5	150.7	6.8	-2.5	7.6	303.4	320.3	8.8	62.5	1.2	330.
6.0	15.2	1545.5	850.8	17.4	9.6	156.2	8.2	-3.4	7.6	304.4	320.0	8.8	60.1	1.6	332.
6.3	20.6	1400.4	825.0	16.6	4.7	151.6	8.1	-3.8	7.1	306.1	324.6	6.5	45.5	2.1	333.
7.9	23.0	2061.4	800.0	15.9	-2.6	144.9	6.7	-3.9	5.5	308.1	319.7	4.0	28.0	2.5	332.
8.9	25.5	2730.9	775.0	14.8	-5.6	149.4	5.6	-2.8	4.4	309.7	319.5	3.3	20.1	2.9	331.
10.0	28.0	2807.5	757.0	14.1	-10.4	162.5	6.5	-1.9	6.2	311.0	318.0	2.3	17.0	3.2	331.
11.1	33.7	2992.3	725.0	12.4	-10.9	168.3	6.3	-1.3	6.1	313.1	320.2	2.3	18.4	3.7	333.
12.3	11.4	3165.1	700.0	10.3	-13.4	165.6	4.9	-1.2	4.8	313.9	320.0	1.9	17.4	4.1	335.
13.4	35.0	3656.6	675.0	9.3	-15.0	150.7	4.2	-2.1	3.7	316.0	321.6	1.8	16.3	4.6	335.
14.5	34.9	3798.1	650.0	7.0	-15.0	140.0	3.7	-2.4	2.8	316.5	324.3	2.3	20.3	4.6	335.
15.7	41.5	4119.5	625.0	5.5	-15.1	129.5	2.6	-2.0	1.7	318.1	324.9	1.9	21.1	4.9	336.
17.0	48.4	4452.1	600.0	3.9	-18.9	130.2	1.3	-1.0	0.8	320.4	326.1	1.7	20.1	5.0	333.
19.7	47.5	4790.8	575.0	2.1	-18.4	135.1	1.3	-0.4	0.9	322.8	327.6	1.6	20.2	5.1	333.
21.1	51.6	5132.8	550.0	-1.1	-19.1	163.2	1.3	-0.4	1.2	322.8	330.6	3.8	50.2	5.2	333.
22.6	50.8	5025.6	500.0	-4.7	-27.4	239.4	1.6	1.7	1.0	322.8	330.4	6.4	86.0	5.2	333.
24.1	60.1	6137.2	475.0	-5.3	-26.4	200.3	4.0	3.7	-1.4	326.6	329.4	0.9	20.0	4.7	330.
25.7	63.7	6726.3	450.0	-7.3	-26.4	311.8	5.6	4.2	-3.7	329.0	330.2	0.9	20.0	4.2	341.
27.4	67.1	7164.5	425.0	-10.6	-18.4	325.5	6.2	3.5	-5.1	329.5	335.0	1.8	48.8	4.2	341.
29.1	70.8	7624.0	400.0	-12.1	-32.7	340.7	7.5	2.5	-7.1	333.2	335.6	0.6	18.0	3.5	342.
32.0	74.5	8109.8	375.0	-19.1	-38.6	332.7	7.5	3.4	-6.7	335.4	337.2	0.5	16.9	2.7	343.
32.9	74.7	8019.9	350.0	-19.4	-38.4	296.3	5.4	5.0	-2.2	336.8	337.6	8.4	20.4	2.1	350.
34.9	82.7	8619.9	325.0	-22.6	-42.0	244.9	4.4	4.1	1.6	338.2	338.9	0.2	8.7	2.1	5.
36.9	87.7	9159.1	300.0	-24.8	-40.4	225.5	2.0	1.4	1.4	339.7	340.2	0.1	9.7	2.1	13.
37.0	87.0	9130.3	300.0	-32.1	-43.7	255.6	2.2	2.2	0.6	340.1	341.6	0.2	20.3	2.5	15.
39.6	91.9	10361.0	275.0	-35.7	-51.2	327.5	3.7	2.8	-3.1	343.4	348.1	0.1	18.4	2.3	23.
41.6	98.4	10597.3	250.0	-40.8	-59.9	300.2	4.9	4.3	-2.5	345.5	349.9	99.9	999.9	2.3	36.
44.1	101.6	11705.0	225.0	-46.5	-54.9	297.8	6.1	5.4	-2.8	347.2	349.9	99.9	999.9	2.5	54.
46.9	107.5	12475.7	200.0	-52.2	-59.9	279.4	7.8	7.7	-1.3	348.6	349.9	99.9	999.9	3.4	71.
49.5	113.5	13722.7	175.0	-59.9	-92.9	281.5	7.7	7.5	-1.5	351.0	349.9	99.9	999.9	4.4	78.
52.7	123.3	14267.6	150.0	-67.8	-98.9	347.8	5.2	1.1	-5.1	353.3	349.9	99.9	999.9	5.4	85.
56.4	127.7	15343.6	125.0	-74.5	-98.9	350.3	3.8	0.2	-3.8	360.1	349.9	99.9	999.9	5.1	97.
60.4	136.3	16623.1	100.0	-78.5	-98.9	26.4	6.6	-3.0	-5.8	376.1	349.9	99.9	999.9	5.5	104.
66.5	147.7	18309.8	75.0	-65.9	-59.9	75.8	12.7	-12.5	-2.3	426.2	349.9	99.9	999.9	3.4	137.
74.7	154.0	20027.7	50.0	-57.3	-99.9	86.4	13.2	-13.2	-0.8	508.4	349.9	99.9	999.9	5.4	232.
87.4	163.3	25567.2	25.0	-48.5	-59.9	485.8	99.5	99.9	99.9	645.8	349.9	99.9	999.9	10.7	254.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 236  
JACKSON, MISSISSIPPI

7 JUNE 1979

100 0-1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CRCT	WEIGHT GPM	WRES MM	TEMP DEG C	DEW PT DEG C	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 7 DG R	S POT 7 DG R	HR STD CM/KG	RR PCT	RANGE KM	AZ DG
0-0	0-0	91-0	1000-0	22-0	22-1	100-0	1-5	0-3	295-5	300-0	17-0	90-0	0-0	0-0
0-1	0-0	90-3	1000-0	22-0	22-2	99-9	0-3	0-3	295-0	300-0	17-1	90-2	0-0	0-0
0-2	0-0	317-0	975-0	21-0	21-7	99-9	0-3	0-3	297-2	301-0	17-1	90-0	0-0	0-0
1-5	11-2	540-5	930-0	21-0	20-8	99-9	0-3	0-3	299-3	302-0	16-0	90-0	0-0	0-0
2-3	13-6	770-5	925-0	21-1	20-7	99-9	0-3	0-3	300-9	331-7	11-5	60-0	1-5	21-0
3-1	15-9	1013-9	900-0	20-0	12-2	207-2	11-6	5-3	302-0	330-1	10-0	50-0	2-0	22-0
3-9	15-4	1257-4	875-0	19-7	6-4	210-0	4-9	5-1	304-3	326-4	8-0	40-1	2-6	24-0
4-7	25-0	1506-3	850-0	17-0	7-3	211-0	9-3	4-0	304-6	325-7	7-0	50-0	3-0	25-0
5-5	25-3	1761-1	825-0	15-6	0-2	210-4	0-3	4-2	305-1	320-4	6-0	60-0	3-5	26-0
6-3	25-9	2021-9	800-0	14-7	-0-3	212-4	0-0	4-3	306-0	320-4	6-7	70-0	3-9	26-0
7-3	25-4	2280-5	775-0	13-8	-0-7	209-0	0-1	0-1	308-2	316-0	2-5	20-4	4-3	27-0
8-1	31-0	2500-3	750-0	11-0	-5-9	213-0	7-9	4-3	309-2	310-3	3-0	20-7	4-3	27-0
9-1	33-7	2607-2	725-0	9-9	0-1	219-4	7-0	5-0	310-4	320-1	5-0	50-9	5-1	28-0
10-0	36-3	3130-5	700-0	0-1	6-7	226-0	0-5	6-2	311-0	330-7	8-0	90-2	5-0	29-0
10-9	39-0	3330-7	675-0	0-2	5-4	227-9	9-9	7-6	312-0	330-7	8-0	90-5	6-1	31-0
11-9	41-8	3747-7	650-0	3-7	3-5	234-0	9-9	0-0	313-1	335-1	7-0	90-0	6-0	33-0
12-9	45-6	4365-9	625-0	2-1	0-7	244-3	10-2	9-2	315-0	333-0	6-5	90-0	7-2	35-0
14-1	47-4	4900-0	600-0	1-2	-2-1	267-9	11-2	10-4	317-2	330-0	5-5	70-0	7-0	38-0
15-1	50-4	4739-2	575-0	0-1	-5-0	240-7	10-9	10-4	320-1	333-7	4-0	60-0	8-0	40-0
16-3	51-5	5093-0	550-0	-1-3	-0-0	234-7	10-1	11-5	322-2	322-2	0-1	1-0	9-3	42-0
17-4	56-5	5402-5	525-0	-3-9	-37-4	233-0	13-0	11-0	323-7	325-0	0-0	11-5	10-2	43-0
18-6	58-8	5840-5	500-0	-0-2	-11-4	231-7	14-4	11-3	325-2	325-7	3-2	60-1	11-2	44-0
19-9	61-0	6240-0	475-0	-2-0	-19-2	233-7	13-9	11-2	328-1	330-4	1-0	43-2	12-3	46-0
21-1	60-3	6600-1	450-0	-10-0	-18-7	235-5	14-1	12-0	329-7	336-1	1-9	50-2	13-3	45-0
22-5	61-7	7101-0	425-0	-13-1	-13-4	247-2	15-2	14-0	332-2	332-0	0-1	2-7	14-0	47-0
23-9	73-3	7501-3	400-0	-15-4	-19-0	250-6	17-9	17-2	334-7	334-0	0-0	1-0	15-7	49-0
25-5	77-0	8045-3	375-0	-10-3	-21-5	250-0	19-4	19-2	337-4	337-5	0-0	1-0	17-3	50-0
27-0	80-8	8157-5	350-0	-20-2	-26-7	262-0	20-0	19-0	339-4	339-0	0-0	1-0	19-9	50-0
28-0	80-0	9300-6	325-0	-20-2	-26-7	263-6	21-1	21-0	340-2	340-0	0-0	1-0	20-0	52-0
30-0	80-0	9671-3	300-0	-31-0	-30-0	270-4	21-0	21-0	340-2	340-0	0-0	1-0	22-9	50-0
32-4	92-3	10202-4	275-0	-35-0	-37-3	276-9	22-3	22-2	343-7	344-0	0-3	90-0	24-0	61-0
34-7	97-0	10930-4	250-0	-40-7	-41-3	270-3	22-9	22-9	345-0	345-0	0-0	90-0	27-0	67-0
37-1	102-0	11645-7	225-0	-47-1	-49-0	265-9	25-2	22-1	346-4	346-0	0-0	90-0	30-0	69-0
39-7	103-0	12010-0	200-0	-53-0	-53-0	271-3	27-3	-0-0	347-5	347-5	0-0	90-0	30-0	71-0
42-7	113-9	13261-7	175-0	-59-0	-59-0	273-0	25-7	-1-0	351-0	351-0	0-0	90-0	30-1	70-0
45-0	119-0	14211-3	150-0	-65-0	-65-0	273-1	22-7	-1-0	350-0	350-0	0-0	90-0	43-5	70-0
48-5	124-0	15297-0	125-0	-72-0	-72-0	276-0	20-0	-0-2	361-2	361-2	0-0	90-0	40-2	70-0
51-0	130-3	16597-4	100-0	-74-0	-74-0	270-1	7-9	6-0	363-5	363-5	0-0	90-0	51-0	70-0
50-4	143-0	18290-0	75-0	-80-0	-80-0	235-1	5-4	4-4	420-5	420-5	0-0	90-0	51-0	70-0
67-4	153-0	20777-4	50-0	-89-0	-89-0	84-9	11-7	-11-0	502-3	502-3	0-0	90-0	48-3	70-0
70-0	163-5	24257-1	25-0	-92-0	-92-0	91-0	12-2	-12-2	604-0	604-0	0-0	90-0	30-0	74-0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

4 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 238  
 JACKSON, MISSISSIPPI

 7 JUNE 1978  
 2000 GMT

TIME MIN	CHTCY	HEIGHT GPM	PRES MB	TEMP DEG C	DCM PT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT T DEG C	E POT T DEG C	MR WTD GM/KG	RM PC7	RANGE KM	AZ DEG
0.0	5.7	91.0	1002.0	26.9	22.4	180.0	3.1	0.5	3.1	301.8	307.7	17.3	68.	0.0	0.
0.1	5.9	116.0	1030.0	26.5	22.1	176.2	2.1	-0.4	0.1	301.6	306.8	17.0	69.3	0.2	5.
1.1	8.2	361.0	975.0	25.9	20.7	174.0	7.1	-0.8	7.1	301.3	303.7	16.0	72.0	0.5	359.
2.1	10.5	565.0	953.0	23.6	20.3	179.1	7.2	-0.1	7.2	301.1	303.5	16.0	81.9	0.9	358.
3.1	12.0	802.0	925.9	21.9	20.1	187.9	7.4	0.9	7.4	301.6	304.0	16.3	90.3	1.3	367.
4.1	15.4	1041.3	902.0	21.9	18.0	192.4	6.5	1.4	6.3	300.6	314.7	11.2	60.9	1.7	4.
4.9	17.4	1285.0	875.0	20.1	13.3	204.0	6.9	2.8	6.3	300.7	335.0	11.1	65.1	2.0	4.
5.7	20.3	1535.0	850.0	16.0	13.5	216.7	7.2	4.7	5.9	303.7	337.3	11.6	72.1	2.4	8.
6.6	22.0	1742.0	825.0	16.9	13.0	229.1	7.7	5.8	5.0	306.5	338.2	11.5	77.3	2.7	14.
7.6	25.3	2054.6	800.0	15.3	11.2	240.3	8.5	7.4	4.2	307.2	336.0	10.5	76.4	3.1	19.
8.6	27.8	2327.5	775.0	12.3	9.9	249.9	6.7	7.6	4.2	304.2	336.0	10.0	79.9	3.5	25.
9.6	31.4	2569.5	750.0	11.8	9.6	239.1	8.6	7.4	4.4	309.3	337.6	10.1	86.8	3.9	29.
10.6	33.3	2843.1	725.0	10.1	7.9	236.3	7.0	6.5	4.3	310.2	336.8	9.3	86.0	4.4	33.
11.7	35.7	3174.3	703.0	8.7	6.9	229.4	7.4	5.6	4.6	312.1	337.2	9.0	88.0	4.8	35.
12.7	39.4	3476.1	675.0	7.0	6.3	232.4	7.1	5.6	4.3	313.5	339.0	8.9	95.3	5.3	36.
13.8	41.2	3746.5	653.0	5.3	5.1	239.7	7.5	6.5	3.8	315.6	339.7	8.6	98.7	5.7	37.
14.9	44.3	4106.7	625.0	3.6	3.4	239.1	6.5	7.3	4.3	316.6	339.6	7.9	98.8	6.2	39.
16.1	45.9	4438.3	603.0	2.0	1.9	242.8	10.1	9.0	4.6	318.4	340.2	7.3	98.8	6.9	41.
17.4	49.9	4741.1	575.0	-0.1	-0.5	243.1	12.3	11.4	4.6	319.5	334.4	4.6	72.1	7.6	44.
19.4	52.9	5116.3	553.0	-2.1	-3.6	244.2	13.9	12.7	5.6	321.6	335.7	4.6	76.6	9.6	47.
23.3	55.9	5535.1	525.0	-4.2	-12.5	247.9	15.6	14.7	6.0	323.2	333.7	3.3	61.5	9.6	49.
21.4	53.1	5147.4	503.0	-6.4	-35.9	258.6	16.0	15.7	3.2	323.2	327.3	0.6	12.2	10.9	52.
22.9	62.1	6149.7	475.0	-7.3	-35.1	252.6	17.1	17.0	2.2	328.5	331.1	0.6	13.4	12.2	56.
24.6	65.6	6737.9	450.0	-5.7	-45.0	253.3	17.5	16.8	5.0	331.1	331.3	0.0	1.0	13.7	58.
26.1	69.0	7146.5	425.0	-12.8	-26.9	256.3	15.9	15.3	4.7	332.6	335.5	0.9	24.6	15.3	59.
27.4	72.6	7604.1	400.0	-14.2	-58.9	261.9	14.0	10.6	2.1	336.6	336.7	0.0	1.0	16.8	61.
29.5	75.3	8094.3	375.0	-17.9	-61.3	266.1	15.2	15.2	1.0	338.6	338.1	0.0	1.0	18.2	63.
31.4	83.9	9036.9	350.0	-21.0	-63.3	273.6	14.5	14.5	-0.9	340.2	340.6	0.0	1.0	19.6	65.
33.1	83.9	9149.3	325.0	-24.7	-64.3	273.8	16.7	16.7	-1.1	341.2	341.4	0.0	1.0	1.1	67.
35.3	84.0	9274.5	300.0	-26.8	-69.0	270.7	17.7	17.7	-0.2	342.4	343.5	0.0	1.0	3.2	70.
37.4	92.3	10338.5	275.0	-34.8	-77.3	274.0	18.4	18.4	-1.3	344.6	344.9	0.0	1.0	3.5	72.
39.6	96.8	10995.4	250.0	-41.1	-90.9	270.5	17.5	17.5	-0.2	348.6	349.9	0.0	959.9	77.8	74.
42.2	101.6	11704.1	225.0	-46.3	-98.9	263.4	20.3	20.2	2.3	347.2	347.4	0.0	954.9	33.3	75.
45.9	104.8	12476.1	200.0	-51.9	-99.9	277.4	23.2	23.0	-3.0	350.6	349.9	0.0	999.9	33.9	76.
49.1	112.5	13256.0	175.0	-58.1	-99.9	283.1	20.2	20.0	-4.1	354.6	349.9	0.0	999.9	37.7	79.
51.3	114.7	14182.7	150.0	-65.9	-99.9	274.1	19.1	19.1	-1.4	350.5	349.9	0.0	999.9	41.1	81.
54.6	125.3	15164.9	125.0	-73.3	-99.9	282.4	14.6	14.2	-3.1	362.3	349.9	0.0	999.9	44.7	82.
59.6	133.0	16164.2	100.0	-76.7	-99.9	277.0	7.1	7.0	-0.9	370.2	349.9	0.0	999.9	47.6	83.
64.7	141.7	17165.1	75.0	-69.1	-99.9	266.4	6.6	6.6	0.4	430.1	349.9	0.0	999.9	47.5	84.
72.1	151.3	20450.7	50.0	-59.1	-99.9	100.6	5.1	-0.8	1.7	506.2	349.9	0.0	999.9	43.5	81.
84.6	163.6	25162.0	25.0	-50.1	-99.9	87.8	15.9	-15.9	-0.6	440.7	349.9	0.0	999.9	36.2	80.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 239  
JACKSON, MISSISSIPPI

7 JUNE 1979  
2300 GMT

TIME MIN	CNCT	HEIGHT GPN	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MR MTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	5.7	91.0	1002.2	30.0	22.4	180.8	3.6	-1.2	3.4	303.8	249.2	17.4	44.0	0.0	0
0.1	5.8	110.7	1009.0	30.0	22.4	185.7	5.2	-1.3	8.0	303.1	340.9	17.6	44.8	0.1	340
1.1	8.2	336.8	875.0	27.5	21.3	170.7	4.4	-1.0	6.3	302.8	347.1	16.6	49.0	0.4	350
2.0	12.5	566.9	910.0	25.3	20.8	175.6	5.5	-0.4	5.5	302.6	346.9	16.5	76.3	0.7	353
3.0	12.9	901.5	925.0	22.2	20.3	179.5	5.5	-0.0	5.5	302.1	347.2	16.5	83.7	1.0	354
3.9	15.2	1340.9	900.0	21.4	19.8	179.7	7.0	0.6	7.0	303.6	347.4	16.4	90.2	1.3	354
4.8	17.6	1265.4	875.0	19.3	19.8	189.4	7.8	1.3	7.7	303.9	344.3	15.0	92.0	1.8	359
5.7	20.1	1535.0	850.0	17.7	19.8	201.6	6.9	2.6	6.5	304.7	339.8	12.6	82.1	2.2	2
6.7	22.5	1790.7	825.0	16.4	19.0	220.3	7.5	4.8	5.7	306.5	337.7	11.6	80.5	2.5	4
7.6	24.0	2052.0	800.0	14.9	11.6	224.3	7.9	5.5	6.6	307.1	337.1	10.9	80.8	3.0	13
8.6	25.6	2321.9	775.0	13.3	10.6	230.4	7.5	5.8	6.6	308.1	337.6	10.6	85.2	3.4	17
9.4	30.1	2567.8	750.0	11.8	9.3	238.0	6.8	5.7	3.6	309.3	337.2	9.9	85.2	3.7	21
10.9	32.8	2461.6	725.0	10.1	7.9	234.7	6.8	4.9	3.5	310.4	336.8	9.3	85.9	4.0	25
12.3	35.4	3173.8	700.0	8.6	6.8	226.9	7.0	5.1	4.8	312.5	337.4	8.9	88.5	4.4	27
13.1	35.1	3474.4	675.0	6.7	6.2	229.9	7.0	5.8	4.9	313.1	336.3	8.8	87.6	4.9	29
14.3	40.9	3784.7	650.0	6.2	-0.6	246.3	8.1	7.4	3.2	316.6	332.0	5.7	61.6	5.4	32
15.6	43.7	4164.4	625.0	5.7	-1.7	267.3	9.0	8.9	0.5	320.2	333.9	4.1	44.3	5.9	36
17.0	45.6	4639.7	600.0	3.6	-4.9	282.3	10.4	10.6	1.2	321.2	333.1	3.9	33.8	7.1	47
18.3	48.5	4794.0	575.0	1.0	-7.3	284.6	12.9	12.9	0.8	323.2	330.3	2.2	33.0	8.0	51
19.6	52.4	5140.4	550.0	-0.7	-15.0	286.5	13.4	13.4	-0.8	324.5	324.0	2.6	48.5	8.8	56
20.9	55.5	5510.6	525.0	-3.0	-12.5	274.0	13.0	12.9	-1.9	328.5	329.1	0.5	11.3	9.7	60
22.3	74.6	5956.2	500.0	-4.1	-18.4	277.3	14.7	14.5	-1.8	329.1	331.0	0.5	10.7	10.7	64
23.7	81.9	6298.4	475.0	-7.2	-21.5	277.0	16.5	16.5	0.6	330.4	334.5	1.2	30.1	12.0	68
25.3	65.1	6717.3	450.0	-18.2	-24.4	267.9	16.5	16.5	0.6	331.7	335.1	1.0	1.5	15.5	71
26.9	64.6	7151.9	425.0	-14.2	-25.6	263.1	16.2	16.2	2.8	334.6	336.8	0.6	1.5	17.1	72
28.6	75.1	7615.9	400.0	-16.2	-26.1	262.0	15.1	15.1	2.2	337.5	338.3	0.1	4.2	18.9	74
30.6	75.0	8102.4	375.0	-17.9	-26.1	262.0	15.2	15.2	-1.1	339.4	339.7	0.1	6.8	20.5	76
32.5	78.7	8614.3	350.0	-21.8	-26.6	274.2	15.5	15.5	-2.7	340.2	340.6	0.3	31.2	22.5	78
34.6	93.5	9155.1	325.0	-26.5	-26.2	274.5	16.4	16.2	-0.4	342.2	343.7	0.3	13.2	24.6	79
36.2	91.8	9729.0	300.0	-30.4	-26.3	271.6	14.1	14.1	-0.4	344.1	344.8	0.1	95.9	26.5	80
38.0	90.5	10361.3	275.0	-35.3	-26.6	261.1	14.0	14.0	-0.2	346.6	346.6	0.0	99.9	29.0	81
41.1	90.5	10957.3	250.0	-41.3	-26.9	261.1	20.3	20.1	-2.8	346.6	346.6	0.0	99.9	32.3	83
43.7	101.4	11783.9	225.0	-46.8	-26.9	278.0	21.5	20.9	-5.1	350.7	349.9	0.0	99.9	35.7	85
46.3	108.3	12476.0	200.0	-51.8	-26.9	278.0	18.1	17.9	-2.9	352.7	349.9	0.0	99.9	38.9	86
49.3	115.3	13327.6	175.0	-54.0	-26.9	278.0	16.7	16.4	-3.2	355.3	349.9	0.0	99.9	42.0	87
52.5	115.3	14278.1	150.0	-66.5	-26.9	278.0	12.2	10.8	-5.6	368.2	349.9	0.0	99.9	43.8	88
56.1	125.0	15361.2	125.0	-74.1	-26.9	321.7	7.4	4.6	-8.8	431.2	349.9	0.0	99.9	43.2	91
60.3	132.8	16654.3	100.0	-75.7	-26.9	321.7	6.8	-6.8	-0.8	504.3	349.9	0.0	99.9	40.6	90
64.1	141.7	14326.5	75.0	-87.6	-26.9	321.7	9.5	-9.5	-0.8	504.3	349.9	0.0	99.9	31.7	91
73.4	141.5	20531.3	50.0	-99.0	-26.9	321.7	13.3	-13.2	-0.8	646.5	349.9	0.0	99.9	31.7	91
85.7	162.0	25318.5	25.0	-142.0	-26.9	321.7	13.3	-13.2	-0.8	646.5	349.9	0.0	99.9	31.7	91

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG

0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 238  
JACKSON, MISSISSIPPI

8 JUNE 1978  
285 GMT

TIME MIN	CHFCY	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POV T DEG N	S POT T DEG N	MR GTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	5.9	91.0	1002.5	25.6	23.6	180.0	9.0	0.0	0.0	298.8	367.3	18.7	89.0	0.0	0.0
0.1	6.1	113.3	1000.0	26.2	24.0	176.8	8.6	-0.5	0.6	301.3	351.0	19.2	78.3	0.1	155.
0.9	5.4	319.4	975.0	26.4	21.3	172.0	8.4	-0.3	0.4	303.8	348.3	14.6	45.3	0.3	356.
1.7	10.7	570.2	950.0	25.8	19.0	180.6	8.3	0.1	8.3	303.4	345.0	15.8	69.4	0.7	350.
2.5	13.0	904.7	925.0	23.4	13.7	184.2	8.4	0.6	8.5	303.2	343.2	14.9	75.2	1.1	359.
3.3	15.5	1044.1	930.0	21.4	17.5	189.8	8.9	1.5	8.8	303.6	341.7	14.1	78.3	1.6	1.
4.2	17.9	1288.2	875.0	15.5	14.2	192.5	7.9	1.7	7.7	304.8	338.3	11.7	77.2	2.0	4.
5.1	20.4	1538.1	850.0	16.4	14.4	211.6	6.4	2.2	6.0	305.7	336.3	12.1	77.2	2.4	5.
6.9	22.9	1796.0	825.0	16.4	13.3	228.3	5.9	3.4	5.5	306.5	340.6	12.7	87.7	2.7	8.
7.7	27.9	2125.4	775.0	13.7	11.3	240.1	4.8	4.4	4.0	307.2	341.1	12.2	87.7	3.0	11.
8.7	32.4	2632.5	750.0	12.4	9.0	248.8	4.3	4.0	2.4	308.2	339.0	11.0	85.4	3.1	15.
9.6	33.1	2687.1	725.0	12.1	1.8	244.8	4.5	4.7	1.3	310.5	337.2	9.8	79.4	3.3	18.
10.6	35.8	3141.1	700.0	11.1	2.3	253.7	5.1	4.9	1.4	312.7	335.7	7.0	57.1	3.5	22.
11.6	39.6	3484.2	675.0	6.8	-2.1	270.7	4.7	4.7	-0.1	316.4	330.9	6.9	54.6	3.7	25.
12.6	41.3	3796.4	650.0	7.3	-1.8	279.6	6.0	5.9	-0.9	317.4	332.8	5.2	42.2	3.8	29.
13.5	44.1	4114.4	625.0	5.5	-5.7	292.7	7.3	7.1	-1.6	318.4	331.0	4.0	44.2	4.0	33.
14.7	47.0	4450.7	600.0	3.0	-2.8	280.0	7.9	7.8	-1.4	319.4	335.3	3.2	46.0	4.1	38.
15.8	53.0	4784.5	575.0	1.3	-10.3	270.6	8.8	8.8	-0.1	321.2	331.1	3.0	41.6	4.2	44.
16.9	53.0	5151.2	550.0	-0.8	-6.8	267.5	9.1	9.1	0.4	323.2	338.2	4.2	63.4	4.7	49.
18.1	56.1	5521.9	525.0	-2.1	-25.8	263.5	9.1	9.1	1.0	325.5	329.0	0.9	14.2	5.2	53.
19.4	53.3	5934.0	500.0	-4.2	-24.1	264.3	12.1	12.1	1.2	327.9	329.5	0.4	7.9	6.5	57.
20.7	62.4	6319.7	475.0	-7.7	-29.3	262.5	15.3	15.4	2.0	328.5	331.0	0.7	15.9	7.5	63.
22.1	65.7	6718.6	450.0	-10.1	-20.6	261.3	17.9	17.7	2.7	330.2	332.8	0.7	17.0	8.8	66.
23.6	69.1	7187.3	425.0	-11.7	-40.8	265.7	16.5	16.5	1.2	331.5	334.9	0.2	6.8	10.3	69.
24.9	76.4	7629.6	400.0	-14.7	-45.1	269.4	16.5	16.5	0.5	336.2	337.1	0.2	5.3	11.6	71.
26.4	76.2	8115.7	375.0	-17.7	-49.1	272.1	15.5	15.5	-0.6	338.2	338.7	0.1	5.0	13.0	73.
28.2	80.0	8627.5	350.0	-22.2	-49.6	278.0	14.2	14.1	-2.0	338.2	339.3	0.1	6.2	14.4	75.
29.9	93.9	9167.6	325.0	-26.2	-49.2	278.1	13.9	13.8	-2.0	340.4	341.1	0.1	9.3	15.9	77.
32.0	99.0	9781.3	300.0	-30.3	-49.7	280.8	12.9	12.7	-2.4	342.7	343.2	0.1	14.5	17.3	79.
34.1	92.3	10153.2	275.0	-35.9	-52.7	274.8	13.2	13.1	-1.1	343.7	343.8	0.1	15.7	18.9	81.
36.2	96.5	11107.5	250.0	-41.3	-52.9	282.0	15.8	15.4	-3.3	347.7	349.9	0.9	99.9	20.6	82.
38.5	101.6	11714.6	225.0	-48.4	97.9	285.5	15.8	15.2	-4.2	347.4	349.9	99.9	99.9	22.7	85.
41.3	106.8	12495.1	200.0	-52.2	59.9	281.2	14.6	14.3	-3.2	348.2	349.9	99.9	99.9	25.2	86.
44.3	112.5	13311.3	175.0	-55.2	99.9	284.9	15.7	14.8	-5.1	352.2	349.9	99.9	99.9	29.0	88.
47.3	113.7	14281.5	150.0	-61.7	99.9	296.6	13.0	11.6	-5.8	355.2	349.9	99.9	99.9	30.6	90.
52.6	125.1	15159.4	125.0	-75.1	59.3	303.4	8.7	7.3	-4.8	358.6	349.9	99.9	99.9	32.3	92.
54.3	133.1	16184.5	100.0	-74.9	99.9	350.1	5.1	0.9	-5.0	381.2	349.9	99.9	99.9	33.5	94.
59.1	142.3	18189.6	75.0	-84.9	97.9	102.7	6.7	-6.5	1.5	432.7	349.9	99.9	99.9	32.3	93.
65.1	153.0	20442.3	50.0	-58.4	99.9	99.9	9.2	-9.2	0.1	505.6	349.9	99.9	99.9	29.4	94.
77.9	164.5	25310.2	25.0	-46.5	99.9	82.6	15.4	-15.3	-2.0	642.7	349.9	99.9	99.9	20.2	98.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 239  
JACKSON, MISSISSIPPI

8 JUNE 1976  
505 GHF

TIME	CHCT	WEIGHT	PRES	TEMP	DEW PT	DIR	SPED	U COMP	V COMP	POT	E POT	W. BTO	RM	RANGE	AZ
MIN		GPW	IN	OC C	OC C	OC	M/SEC	M/SEC	M/SEC	OC K	OC K	CM/KG	PCT	MM	DEG
0-2	6-6	91-2	1003.7	25.6	23.3	190.0	3.0	0.0	0.0	258.6	346.2	18.3	87.0	0.0	0.
3-1	6-9	123.7	1000.0	26.7	23.6	192.7	10.6	1.4	10.5	298.8	347.8	18.0	88.5	0.1	346.
6-9	6-2	347.6	675.0	26.3	23.7	192.1	12.7	2.7	12.4	300.7	348.3	19.1	85.1	0.5	359.
1-7	11-6	577.3	653.0	24.6	20.8	195.7	13.0	2.9	9.5	302.2	348.2	16.6	79.8	1.1	0.
2-6	14-3	811.0	623.0	23.2	19.0	195.7	8.0	2.7	7.7	303.0	348.6	15.1	77.1	1.5	11.
3-6	16-4	1053.1	623.0	21.7	13.9	193.1	7.4	2.3	7.1	303.6	348.5	11.2	61.1	1.9	13.
4-2	18-4	1296.4	675.0	20.3	16.7	195.7	6.1	1.0	6.0	304.6	348.1	12.2	70.5	2.3	13.
5-1	21-1	1448.4	613.0	18.9	15.4	190.5	4.4	0.0	4.5	305.2	348.2	14.1	82.2	2.6	13.
6-4	23-7	1603.2	625.0	17.3	14.1	192.6	4.2	0.0	4.2	306.9	348.5	12.4	83.5	4.8	11.
7-6	26-2	2053.0	633.0	15.5	11.9	187.2	2.6	0.4	2.5	312.7	349.2	11.0	75.1	3.1	11.
8-4	28-9	2333.0	675.0	13.6	11.3	182.7	2.7	0.1	2.7	318.4	348.8	10.9	45.7	1.2	12.
9-4	31-6	2613.0	753.0	13.3	9.0	214.1	3.2	2.0	2.5	311.0	346.4	9.1	70.6	3.4	11.
10-4	34-0	2947.6	753.0	12.3	6.1	237.3	3.5	3.2	1.3	313.0	346.6	8.2	65.6	3.5	13.
11-6	36-4	3142.9	703.0	11.2	1.7	265.3	3.5	3.2	1.5	314.6	346.1	6.2	51.8	3.6	16.
12-6	38-4	3452.9	675.0	6.5	-0.1	274.2	4.8	3.5	3.2	316.2	346.1	5.6	50.9	3.9	19.
13-5	42-2	3755.0	653.0	7.3	-1.7	275.7	5.2	3.4	3.7	316.6	346.5	5.2	54.0	4.1	20.
14-6	45-0	4174.0	675.0	4.6	-4.1	275.8	5.0	4.1	2.9	318.0	346.7	4.5	52.0	4.6	22.
15-4	48-0	4582.7	603.0	2.4	-5.3	275.4	5.4	5.2	1.3	316.6	346.3	4.4	55.0	4.7	25.
16-7	51-0	4911.7	475.0	1.1	-7.9	277.7	6.7	6.7	0.3	321.3	346.5	4.0	55.6	4.9	26.
18-1	54-0	5174.1	553.0	0.1	-11.2	273.6	7.7	7.7	-0.6	324.2	346.2	2.7	38.8	5.2	34.
19-4	57-3	5370.7	525.0	-1.3	-27.2	270.8	6.2	7.0	-1.6	327.2	346.0	0.8	11.5	5.5	41.
20-6	60-3	5517.9	500.0	-4.1	-24.3	278.2	11.1	11.1	-1.2	328.1	346.1	0.7	13.0	5.9	47.
21-9	63-5	6120.1	475.0	-6.8	-29.0	278.1	12.8	12.8	-1.8	329.6	346.0	0.7	13.7	6.6	53.
23-4	66-9	6739.9	453.0	-5.2	-31.7	271.8	16.1	16.1	-0.5	331.7	346.1	0.6	13.9	7.5	60.
24-9	73-3	7130.1	425.0	-11.3	-31.4	271.2	15.2	15.2	-0.3	334.2	346.2	0.5	14.0	8.7	64.
26-6	73-9	7642.5	400.0	-14.4	-36.8	276.2	13.5	13.8	-0.5	336.2	346.2	0.4	12.8	9.9	69.
28-3	77-5	8129.1	375.0	-17.6	-39.2	274.7	13.7	13.6	-1.0	338.3	346.2	0.3	13.1	11.1	71.
29-7	81-3	8681.5	353.0	-21.8	-42.4	271.0	12.1	12.1	-0.2	339.4	346.4	0.3	13.5	12.4	76.
31-6	85-3	9181.9	325.0	-26.3	-43.7	266.4	11.6	11.6	0.7	340.4	346.4	0.2	17.5	13.7	75.
33-5	93-5	9754.1	303.0	-30.3	-45.5	264.3	10.7	10.7	1.1	342.7	346.3	0.2	21.0	15.0	76.
35-5	93-4	10364.3	275.0	-35.6	-48.4	271.9	11.1	11.1	-0.4	343.4	346.3	0.2	25.5	16.2	77.
37-4	95-5	11034.5	250.0	-43.7	-50.9	273.3	13.6	13.2	-3.1	345.4	346.4	0.0	95.9	17.7	79.
40-3	103-6	11733.5	225.0	-47.0	-50.9	281.3	13.1	12.9	-3.6	348.0	346.0	0.0	99.9	19.5	81.
42-9	104-6	12526.7	200.0	-51.6	-50.9	281.9	15.3	14.8	-2.6	351.1	346.0	0.0	99.9	21.8	83.
45-6	114-5	13152.6	175.0	-55.1	-50.9	298.7	11.6	10.2	-5.5	352.3	346.0	0.0	99.9	23.6	86.
48-4	123-8	14026.6	150.0	-67.2	-50.9	301.2	12.5	10.7	-6.5	355.2	346.0	0.0	99.9	25.5	88.
51-9	127-5	15186.2	125.0	-74.7	-50.9	304.5	10.8	8.3	-5.7	359.4	346.0	0.0	99.9	27.2	91.
55-7	135-3	16376.8	100.0	-78.3	-50.9	321.0	4.3	2.7	-3.3	360.4	346.0	0.0	99.9	28.7	92.
60-4	144-0	18326.8	75.0	-68.6	-50.9	105.1	6.6	-0.4	-1.7	424.2	346.0	0.0	99.9	28.2	92.
67-7	154-3	20374.2	50.0	-60.8	-50.9	76.6	12.3	-12.3	-0.7	500.2	346.0	0.0	99.9	28.2	92.
92-3	164-5	25305.2	25.0	-49.5	-50.9	89.1	13.8	-13.8	-0.2	642.5	346.0	0.0	99.9	16.7	95.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 228  
JACKSON, MISSISSIPPI

8 JUNE 1979  
805 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POV T DEG M	E POT V DEG K	WE WTD GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	5.5	91.0	1003.7	23.0	22.9	180.0	1.5	0.0	1.5	206.7	342.9	17.8	94.0	0.0	0.0
0.1	5.8	123.5	900.0	22.9	22.8	192.6	9.1	1.8	7.9	207.6	343.1	17.0	94.0	0.1	303.0
0.2	9.1	346.2	975.0	24.2	22.6	207.7	10.9	5.0	9.0	207.5	346.9	18.1	91.0	0.4	13.0
1.0	12.5	578.7	940.0	23.5	21.1	210.1	9.0	5.5	7.1	301.0	345.7	16.9	90.9	0.9	25.0
2.6	12.7	608.0	925.0	21.7	20.1	210.7	7.1	3.6	6.1	301.6	344.9	16.3	90.7	1.3	25.0
3.5	15.1	1080.6	900.0	21.0	13.1	193.7	5.6	0.4	5.6	303.2	342.6	14.7	83.2	1.3	28.0
4.6	17.5	1290.9	875.0	19.9	15.9	173.3	6.2	-1.8	5.9	308.4	340.0	13.1	77.9	1.9	22.0
5.6	22.0	1541.3	850.0	19.1	16.4	155.3	5.7	-2.4	5.1	308.2	339.0	12.3	76.2	2.2	15.0
6.6	27.5	1797.7	825.0	17.6	12.6	150.1	5.8	-2.5	5.0	307.6	337.6	11.1	72.3	2.6	10.0
7.3	25.0	2060.2	800.0	15.2	13.6	166.7	5.3	-2.9	4.4	307.2	335.4	10.1	74.0	2.7	5.0
8.3	27.4	2329.5	775.0	13.7	10.7	157.0	4.7	-1.8	4.3	308.5	337.9	10.5	62.3	2.9	2.0
9.2	32.2	2605.3	750.0	12.6	6.2	194.1	4.0	1.0	3.9	310.1	336.0	9.2	75.5	3.2	1.0
10.7	32.6	2890.2	725.0	11.6	5.3	241.3	3.8	3.3	1.8	312.2	334.5	7.8	65.3	3.4	3.0
11.6	15.3	3184.2	700.0	10.1	3.8	255.2	4.4	4.3	1.1	313.7	334.7	7.2	64.8	3.6	4.0
12.5	18.0	3486.1	675.0	8.6	2.1	258.0	4.4	4.1	1.5	313.6	334.5	6.8	64.8	3.6	12.0
13.5	43.8	3757.6	650.0	6.9	-0.4	246.9	4.5	3.9	2.2	310.7	333.2	5.5	57.5	3.7	16.0
14.6	43.6	4119.0	625.0	4.5	-4.7	223.9	4.3	3.0	3.1	317.7	330.7	4.3	50.9	4.0	16.0
15.7	40.4	4450.4	600.0	1.9	-6.2	210.2	4.5	2.6	3.5	316.3	332.5	4.7	66.4	4.2	19.0
16.8	42.3	4792.3	575.0	-0.8	-5.6	210.2	5.1	4.2	2.8	319.1	332.5	4.4	65.9	4.5	21.0
18.1	52.3	5147.3	550.0	-1.4	-21.8	253.8	6.0	5.8	1.7	322.4	326.5	1.2	19.3	4.8	25.0
19.5	52.4	5517.3	525.0	-2.3	-37.1	276.1	7.7	7.7	0.6	325.7	326.2	0.3	4.8	5.2	33.0
20.9	52.5	5973.1	500.0	-4.3	-37.1	273.3	8.5	9.5	-0.6	327.2	328.9	0.3	5.0	5.6	35.0
22.4	61.8	6355.5	475.0	-6.4	-32.6	283.1	12.1	11.8	-2.8	330.6	330.7	0.2	2.7	6.1	44.0
23.8	65.0	6725.7	450.0	-9.1	-27.2	281.9	14.5	14.2	-3.0	331.6	336.7	1.4	33.5	6.7	51.0
25.4	64.4	7165.8	425.0	-11.5	-47.0	278.2	14.1	13.9	-2.0	338.3	334.8	0.1	3.6	7.8	60.0
26.9	71.9	7626.9	410.0	-15.1	-46.2	264.9	12.0	11.6	-3.1	335.4	336.1	0.2	7.0	9.7	65.0
28.6	75.6	8111.5	375.0	-18.7	-58.9	275.9	9.9	9.8	-1.0	336.5	337.0	0.0	1.5	9.6	70.0
30.3	78.3	8621.9	350.0	-22.3	-57.6	280.6	5.4	9.3	1.5	338.2	336.8	0.0	2.3	10.5	71.0
32.7	83.3	9162.2	325.0	-26.1	-50.6	261.6	10.0	9.9	1.4	340.6	341.2	0.1	7.9	11.6	72.0
34.1	87.3	9736.7	300.0	-30.6	-48.1	269.1	5.0	9.0	0.1	342.2	342.9	0.2	16.0	12.7	73.0
36.1	91.7	10348.2	275.0	-35.3	-41.9	281.3	8.9	8.8	-1.7	345.6	344.5	0.1	16.3	13.6	75.0
38.3	96.2	11025.8	250.0	-40.7	99.9	273.6	10.6	10.5	-0.7	345.6	349.9	9.9	95.0	14.8	77.0
40.7	101.2	11713.6	225.0	-46.9	99.9	278.9	12.6	12.6	-1.1	349.4	349.9	9.9	95.0	16.4	78.0
43.3	106.2	12444.1	200.0	-52.6	57.9	280.2	11.7	11.5	-2.1	349.4	349.9	9.9	95.0	19.3	80.0
46.7	111.8	13133.2	175.0	-59.6	57.9	285.5	6.9	6.6	-1.8	351.2	349.9	9.9	95.0	19.9	82.0
49.7	117.6	14278.1	150.0	-67.6	59.9	306.0	6.2	6.8	-4.6	353.7	349.9	9.9	95.0	21.0	86.0
52.7	124.7	15354.6	125.0	-75.1	59.9	304.8	7.4	6.1	-4.2	358.5	349.9	9.9	95.0	22.0	86.0
56.7	131.7	16336.1	100.0	-77.9	90.9	297.5	7.3	6.7	-2.1	377.2	349.9	9.9	95.0	23.6	88.0
61.6	141.0	18120.2	75.0	-84.8	59.9	92.1	7.4	-7.8	0.3	404.7	349.9	9.9	95.0	22.3	88.0
69.0	151.2	20410.3	50.0	-90.0	99.9	89.3	12.3	-12.3	-0.4	504.4	349.9	9.9	95.0	17.7	91.0
81.9	165.0	22606.9	25.0	-92.5	57.9	93.1	18.3	-18.3	0.9	633.6	349.9	9.9	95.0	8.6	88.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 239  
JACKSON, MISSISSIPPI8 JUNE 1979  
1100 GMT

163 11. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP OC C	DEP PI OC C	DIR DC	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCF T DC M	E POT T DC M	M3 STD CM/KG	RM PCF	RANGE AM	AZ DG
0.0	5.9	91.0	1094.2	21.7	21.7	160.0	0.0	0.0	0.0	294.4	336.9	16.5	100.0	0.0	0.
0.1	6.2	136.3	1030.0	21.8	21.6	207.9	9.3	6.3	8.2	295.0	337.5	16.5	58.6	0.1	356.
0.8	9.5	357.9	975.0	21.0	22.3	207.9	9.0	4.2	8.0	296.2	344.4	17.7	96.0	0.3	13.
1.6	10.9	565.0	953.0	22.2	21.2	202.8	7.2	2.8	6.7	299.7	344.4	17.0	94.4	0.7	22.
2.4	13.3	917.6	925.0	20.5	19.7	186.1	5.3	0.8	5.3	300.7	342.7	15.9	92.6	1.0	20.
3.2	15.7	1375.4	903.0	19.7	14.9	164.5	5.6	-1.1	5.5	301.4	343.0	15.5	92.2	1.2	16.
4.1	19.2	1254.7	875.0	18.6	17.3	153.9	6.0	-2.6	5.4	303.2	341.7	14.4	91.8	1.5	9.
5.0	23.7	1544.0	853.0	17.6	14.8	154.6	5.8	-2.5	5.2	304.4	338.9	12.6	83.8	1.7	2.
5.9	21.3	1433.6	825.0	16.3	14.8	151.4	5.0	-2.2	4.5	305.4	341.3	13.0	51.3	2.0	35.9.
6.7	25.8	2064.7	803.0	15.1	11.5	152.2	4.4	-2.1	4.1	307.4	337.0	10.8	79.2	2.2	356.
7.7	24.4	2315.2	775.0	13.4	9.9	159.7	4.4	-1.7	4.3	309.3	336.5	10.0	77.4	2.5	353.
8.6	31.1	2411.4	753.0	12.5	9.2	173.4	4.3	-0.0	4.3	310.1	336.0	9.2	75.1	2.7	353.
9.5	34.4	2495.9	733.0	11.1	7.6	214.7	2.4	1.6	2.3	311.7	337.3	5.0	74.0	2.9	354.
12.5	36.4	3109.9	703.0	5.9	3.5	255.1	2.3	2.2	0.6	313.4	334.0	7.1	65.0	3.0	356.
11.6	11.2	1490.7	675.0	6.2	1.9	260.0	3.2	3.1	0.6	314.5	334.1	6.5	64.2	3.0	354.
12.6	42.1	3401.7	650.0	6.4	-2.9	250.0	4.1	4.1	1.5	316.2	330.6	4.8	51.4	3.1	0.
13.9	45.0	4122.6	625.0	4.8	-4.0	231.4	4.1	3.2	2.5	317.5	331.8	4.6	53.1	3.2	9.
15.0	47.9	4454.4	600.0	2.2	-5.0	216.2	4.9	2.5	4.0	318.7	332.1	4.4	58.8	3.1	11.
16.3	50.9	4766.4	575.0	-0.3	-8.9	225.8	5.3	3.8	3.7	319.7	330.2	3.4	52.2	3.6	14.
17.5	54.0	5151.6	553.0	-1.3	-15.5	233.5	6.0	5.7	1.7	322.6	329.3	2.1	22.7	4.1	16.
18.4	57.1	5522.1	525.0	-1.8	-47.7	270.4	4.0	6.0	-0.1	326.2	326.6	0.1	1.5	4.3	25.
23.1	63.3	5324.2	500.0	-4.3	-51.0	271.8	9.4	9.4	-0.3	327.4	329.1	0.1	1.2	4.7	32.
21.4	63.6	6310.2	475.0	-6.7	-47.9	240.7	10.0	9.8	-1.9	329.7	330.1	0.1	2.1	5.1	40.
22.8	67.0	6729.7	453.0	-9.9	-49.7	289.2	10.5	9.9	-3.4	330.5	331.2	0.1	2.4	5.5	48.
24.3	73.4	7169.4	425.0	-13.0	-24.3	254.3	10.4	5.4	-3.6	332.2	336.7	1.3	38.3	5.9	56.
25.9	74.0	7624.8	403.0	-15.1	-33.1	291.4	8.9	6.3	-3.3	335.4	337.5	0.6	14.6	6.4	64.
27.7	77.7	8114.3	375.0	-16.4	-34.4	277.2	5.7	9.2	-2.8	337.1	339.2	0.5	23.0	7.2	69.
29.4	81.4	8625.1	350.0	-22.1	-46.4	277.2	5.4	5.3	-1.2	339.0	339.6	0.2	9.2	8.0	73.
31.3	85.5	9106.6	325.0	-25.4	-42.1	259.6	9.3	9.1	1.7	341.2	342.3	0.3	19.9	9.0	75.
33.2	89.7	9741.4	303.0	-30.0	-49.1	258.0	8.0	7.8	1.7	343.2	343.7	0.1	13.4	10.0	75.
35.4	94.2	10354.4	275.0	-35.2	-51.1	267.9	6.2	6.2	0.3	344.3	344.8	0.1	17.7	11.0	76.
37.5	98.8	11011.6	253.0	-40.6	-59.9	274.7	6.6	6.6	-0.7	345.6	349.9	99.9	99.9	12.1	77.
40.0	104.6	11721.4	225.0	-45.9	-57.9	292.8	9.0	6.3	-3.5	348.1	349.9	99.9	99.9	13.2	80.
42.7	109.9	12494.7	203.0	-52.1	-99.9	263.0	10.2	9.9	-2.3	350.1	349.9	99.9	99.9	14.6	83.
45.6	114.5	13345.2	175.0	-55.2	-57.9	277.9	6.7	4.7	-1.2	352.2	349.9	99.9	99.9	16.3	84.
48.9	120.5	14246.3	153.0	-66.7	-53.9	314.0	4.5	3.0	-3.4	355.1	349.9	99.9	99.9	17.5	86.
52.8	127.3	15177.0	125.0	-73.5	-59.9	320.8	4.5	2.9	-3.5	361.5	349.9	99.9	99.9	17.8	88.
57.1	134.7	16099.2	103.0	-75.8	-59.9	282.3	9.5	5.4	-1.2	361.1	349.9	99.9	99.9	19.8	89.
62.4	143.0	17159.5	75.0	-83.1	-53.9	77.8	8.9	-8.7	-1.9	428.1	349.9	99.9	99.9	17.0	91.
71.1	152.3	23455.0	50.0	-96.9	-93.9	94.0	12.0	-12.0	0.8	505.7	349.9	99.9	99.9	11.4	96.
83.7	161.7	25315.0	25.0	-91.1	-59.9	992.9	99.9	99.9	99.9	630.1	349.9	99.9	99.9	2.8	105.

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 9 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
LAKE CHARLES, LOUISIANA

7 JUNE 1979  
1100 GMT

TIME MIN	CNTCT	HEIGHT GM	PROS MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MR MTO GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	5.9	5.0	1009.3	25.6	24.0	170.0	3.6	-0.6	3.5	298.6	347.4	19.0	91.0	0.0	0.0
0.3	6.7	87.0	1000.0	25.2	23.6	187.0	5.7	1.5	9.6	298.4	350.0	19.9	96.2	0.3	352.0
1.1	8.8	310.4	975.0	23.9	22.6	198.2	11.5	1.7	11.8	299.3	359.4	19.2	98.3	0.6	1.0
1.7	10.4	538.3	950.0	22.4	22.0	191.1	13.1	2.5	12.0	299.5	366.9	17.9	97.9	1.1	5.0
2.6	13.0	770.7	925.0	21.0	19.0	194.2	13.2	3.2	12.8	300.8	381.0	15.2	89.4	1.8	8.0
3.3	15.2	1004.2	900.0	20.1	17.1	192.4	12.6	2.7	12.3	302.2	385.0	12.1	73.0	2.3	9.0
4.1	17.4	1251.7	875.0	18.1	14.1	194.7	11.8	3.0	11.4	303.1	385.5	11.7	73.0	2.4	12.0
5.0	19.6	1500.9	850.0	17.4	13.3	200.0	11.9	4.1	11.2	304.4	387.6	10.7	72.0	2.5	11.0
5.9	21.9	1756.1	825.0	16.4	12.0	205.5	11.5	5.0	10.4	305.0	388.8	13.2	67.2	4.1	13.0
6.4	24.2	2017.7	800.0	14.1	10.6	207.0	12.3	5.6	11.0	306.2	390.1	12.4	66.8	4.8	14.0
7.7	26.5	2286.4	775.0	13.4	10.5	214.7	13.9	7.9	11.3	308.2	397.2	10.4	62.7	5.5	17.0
8.6	24.9	2562.2	750.0	12.1	6.7	219.3	14.4	9.1	11.2	305.7	393.2	8.3	65.8	6.2	19.0
9.5	21.3	2844.5	725.0	11.1	4.6	227.3	12.2	8.9	8.3	311.2	399.4	6.8	64.5	6.9	22.0
10.5	18.7	3143.0	700.0	10.4	4.4	235.5	11.4	9.4	6.4	314.6	395.0	7.5	66.2	7.5	24.0
11.4	14.7	3442.3	675.0	9.5	3.4	240.8	12.3	10.8	6.0	315.2	396.4	7.3	70.0	8.1	27.0
12.4	19.7	3753.6	650.0	6.3	-2.4	236.7	13.3	11.1	7.3	316.1	392.2	5.4	90.9	8.8	30.0
13.6	41.2	4074.6	625.0	4.1	-2.5	232.5	12.8	10.2	7.8	317.2	392.6	5.1	62.5	9.5	32.0
14.4	41.8	4394.7	600.0	2.1	-5.1	226.8	10.1	7.3	6.9	318.6	391.9	4.4	59.6	10.3	33.0
15.0	45.4	4749.1	575.0	0.6	-3.4	221.6	8.6	5.7	6.5	320.7	396.4	5.2	74.4	10.9	34.0
17.1	49.2	5105.1	550.0	-1.3	-6.4	217.2	10.3	6.5	8.0	322.1	395.9	4.3	68.4	11.8	34.0
18.3	52.3	5474.8	525.0	-3.5	-8.5	217.6	10.8	8.6	8.5	324.2	396.3	3.8	68.1	12.3	35.0
17.5	44.9	5859.6	500.0	-5.8	-21.1	225.9	10.3	7.4	7.1	326.6	390.8	1.4	26.6	13.1	35.0
20.4	57.9	6260.5	475.0	-7.0	-54.1	248.6	11.4	10.6	4.1	329.2	399.5	0.0	1.0	13.5	36.0
22.3	63.9	6679.6	450.0	-10.0	-59.3	258.2	13.1	12.8	2.7	330.6	390.2	0.0	1.0	14.8	39.0
24.3	64.0	7114.0	425.0	-12.7	-58.0	262.0	14.4	14.3	2.0	332.6	392.8	0.0	1.0	15.8	42.0
26.7	67.1	7577.9	400.0	-16.4	-71.7	265.2	15.0	14.9	1.2	333.7	395.9	0.6	23.2	17.0	46.0
27.5	73.5	8060.5	375.0	-18.1	-61.4	269.3	15.5	15.3	2.9	337.4	397.7	0.0	1.0	18.3	49.0
27.4	74.0	8571.9	350.0	-21.9	-63.9	264.1	17.4	16.8	4.8	339.2	394.3	0.0	1.0	19.9	51.0
31.2	77.6	9112.9	325.0	-24.3	-66.7	255.4	18.6	18.0	4.7	340.4	390.5	0.0	1.0	21.8	53.0
33.4	81.3	9686.7	300.0	-30.5	-52.3	251.9	15.0	14.3	4.7	342.4	342.9	0.1	11.1	23.8	55.0
35.9	85.2	10294.6	275.0	-35.1	-65.2	235.8	14.1	11.7	7.9	344.4	344.5	0.0	3.5	25.8	56.0
39.4	44.3	10956.6	250.0	-40.7	-59.9	234.4	14.5	12.3	7.6	345.6	345.6	99.9	99.9	26.1	56.0
41.0	93.7	11664.2	225.0	-46.8	-59.9	240.0	16.7	13.3	6.8	346.7	399.9	99.9	99.9	29.4	56.0
44.0	99.4	12433.6	200.0	-53.2	-59.9	262.0	17.5	17.4	2.4	348.6	399.6	99.9	99.9	33.4	58.0
47.3	103.4	13285.3	175.0	-58.3	-59.9	250.3	14.6	13.8	4.9	353.7	399.9	99.9	99.9	36.3	60.0
51.0	109.0	14237.8	150.0	-64.3	-59.9	240.2	14.5	12.4	7.2	356.6	399.9	99.9	99.9	39.7	60.0
54.9	115.0	15272.8	125.0	-72.5	-59.9	275.9	10.4	10.3	-0.7	363.8	399.9	99.9	99.9	42.0	61.0
59.7	123.0	16316.2	100.0	-74.2	-59.9	245.3	6.2	9.6	2.6	364.4	399.9	99.9	99.9	44.1	63.0
65.8	130.0	18115.7	75.0	-66.1	-59.9	115.0	4.9	-4.5	2.1	430.1	399.9	99.9	99.9	44.5	62.0
74.5	143.3	20430.2	50.0	-56.4	-59.9	99.9	99.9	99.9	99.9	509.6	399.9	99.9	99.9	40.4	61.0
90.9	99.9	59.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.6	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
LAKE CHARLES, LOUISIANA

7 JUNE 1979  
1405 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG K	E POT 1 DEG K	WZ ATO CM/KG	RM PCT	RANGE KM	AZ UG
0-0	5-9	5-0	1011-0	27-8	24-4	190-0	6-2	1-1	6-1	300-0	351-0	19-5	82-0	0-0	0-0
0-4	6-9	102-3	1000-0	26-8	23-3	174-7	6-2	-0-1	6-2	300-0	348-2	18-6	81-1	0-2	5-0
1-1	9-2	326-4	975-0	24-4	22-8	180-9	7-0	0-1	7-0	259-6	347-5	18-2	90-4	0-4	2-0
1-7	11-5	554-7	950-0	22-8	22-2	187-0	8-4	1-0	8-3	300-4	347-9	18-1	96-2	0-7	3-0
2-7	11-7	786-9	925-0	20-0	17-3	187-3	6-7	2-1	9-5	249-2	335-9	13-6	86-4	1-2	5-0
3-5	18-1	1024-6	920-0	22-1	12-9	198-5	11-4	3-6	10-8	304-2	333-0	10-5	86-0	1-7	9-0
4-4	13-5	1269-2	875-0	20-9	10-7	207-3	12-1	6-2	11-3	305-2	331-4	9-4	82-3	2-4	12-0
5-2	21-8	1519-4	850-0	18-4	12-6	209-1	11-0	5-4	9-6	305-2	335-3	10-9	86-7	3-0	14-0
6-2	21-3	1775-4	825-0	16-4	14-1	214-1	11-6	6-5	9-6	305-5	339-7	12-4	86-3	3-5	18-0
7-1	23-7	2317-6	812-0	15-2	13-2	212-5	12-1	6-6	10-1	307-2	340-4	12-0	87-7	4-2	20-0
8-0	24-2	2306-4	775-0	12-9	9-4	215-4	12-1	7-5	9-5	307-7	334-2	9-6	74-1	4-1	22-0
8-4	32-8	2542-1	740-0	12-3	7-7	221-6	11-7	7-8	8-4	309-9	335-0	8-9	73-7	5-4	24-0
9-5	31-3	2546-4	725-0	11-0	5-4	222-3	10-2	6-9	7-5	311-6	334-0	7-8	64-3	6-0	26-0
10-9	35-0	3159-3	700-0	10-3	5-6	227-0	9-4	6-8	6-4	313-5	332-6	8-2	72-6	6-6	27-0
12-3	34-7	3461-5	675-0	8-5	0-7	234-7	10-4	6-0	6-1	315-1	332-8	6-0	55-2	7-2	27-0
13-0	41-3	3772-9	650-0	6-9	-1-1	237-6	11-2	9-4	6-0	316-8	331-1	5-5	56-7	7-9	32-0
14-1	44-1	4094-8	625-0	5-7	-8-2	237-2	9-1	7-6	4-9	319-0	331-0	3-9	42-3	8-5	34-0
15-4	46-9	4427-5	600-0	3-7	-18-3	224-5	7-9	5-5	5-2	320-4	325-3	1-5	18-2	9-0	35-0
16-4	43-4	4771-4	575-0	1-1	-18-0	214-0	8-4	6-7	7-0	321-2	324-2	2-1	29-5	9-5	35-0
17-7	52-4	5127-6	550-0	-1-7	-5-6	210-7	10-1	5-1	8-7	322-1	324-8	4-6	74-8	10-2	35-0
19-1	54-8	5497-1	525-0	-3-9	-5-8	216-8	11-1	6-7	8-9	323-7	324-4	4-8	87-0	11-1	35-0
21-9	55-9	5681-7	500-0	-3-9	-47-0	226-5	10-4	7-9	6-8	324-2	324-9	0-2	2-4	12-1	35-0
23-3	65-3	6706-7	475-0	-5-6	-3-5	238-1	11-3	9-6	6-0	321-0	331-2	0-1	1-0	12-9	37-0
24-7	64-6	7114-0	475-0	-11-0	-42-0	235-1	12-0	9-9	6-9	333-0	334-0	0-2	5-5	13-8	38-0
26-3	71-1	7611-6	400-0	-13-0	-43-2	265-4	13-3	13-3	1-1	338-1	339-0	0-2	6-7	15-7	42-0
27-0	74-7	8130-0	375-0	-17-2	-34-1	268-6	14-5	14-5	0-4	338-5	243-7	0-5	19-0	16-7	48-0
28-5	79-4	8613-1	350-0	-21-2	-49-7	255-8	15-7	15-2	3-8	340-1	240-3	0-0	2-1	17-8	49-0
31-3	83-3	9155-5	325-0	-25-0	-63-8	249-4	17-0	15-9	6-0	342-2	242-3	0-0	1-5	19-5	50-0
33-7	87-3	9731-9	300-0	-29-9	-74-2	231-7	13-8	13-1	4-3	344-2	244-9	0-1	6-6	21-2	52-0
35-3	91-7	10347-2	275-0	-34-5	-72-0	248-9	12-7	11-7	5-0	345-2	245-7	0-1	15-2	22-7	53-0
37-5	96-2	11005-6	250-0	-40-1	-80-9	247-5	15-0	13-9	5-8	346-6	246-9	99-9	95-9	24-5	54-0
39-8	101-0	11715-1	225-0	-44-3	-84-3	251-5	15-0	14-2	4-8	347-7	247-9	99-9	95-9	26-5	56-0
42-6	106-2	12487-0	200-0	-47-5	-88-9	241-7	15-8	15-0	5-0	349-7	249-9	99-9	95-9	28-9	57-0
45-4	111-8	13139-5	175-0	-52-9	-92-9	243-0	15-1	15-4	6-8	353-4	250-9	99-9	95-9	31-5	58-0
48-4	117-8	14291-0	150-0	-66-5	-94-9	246-8	11-4	10-8	4-6	355-2	250-8	99-9	95-9	34-0	58-0
52-2	124-5	17379-9	125-0	-72-1	-94-9	271-4	5-5	9-5	-0-1	364-4	250-8	99-9	95-9	36-7	60-0
56-7	132-0	18472-1	100-0	-74-3	-94-9	243-2	4-6	4-1	2-1	344-2	250-8	99-9	95-9	37-0	55-0
61-6	140-7	18172-0	75-0	-64-7	-94-9	94-0	5-4	-4-4	3-1	433-2	250-8	99-9	95-9	39-0	56-0
64-8	150-5	20479-4	50-0	-58-7	-94-9	94-0	11-6	-11-8	0-8	501-2	250-8	99-9	95-9	41-0	56-0
60-6	161-3	25392-6	25-0	-44-8	-94-9	94-0	90-6	90-9	90-9	656-2	250-8	99-9	95-9	42-0	42-0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE AFEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 200  
LAKE CHARLES, LOUISIANA

7 JUNE 1979  
1705 GMT

TIME MIN	CHTCY	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DEG M	E POT V DEG M	HI RTO CM/KC	RM PCT	RANGE KM	AZ DEG
0-0	5-8	5-0	1012-0	28-9	23-3	170-0	5-1	-0-9	5-0	301-0	349-0	18-2	72-0	0-0	0-0
0-3	6-9	111-5	1000-0	27-6	23-1	172-3	9-8	-1-3	9-7	300-7	349-5	18-1	76-7	0-2	354-
0-9	8-8	336-2	975-0	25-6	22-1	172-4	9-2	-1-2	9-1	301-0	347-2	17-5	81-1	0-5	353-
1-7	11-0	565-0	950-0	25-6	21-7	170-5	8-3	-1-4	8-2	301-0	347-4	17-5	89-1	0-9	353-
2-4	13-1	799-0	925-0	21-1	19-0	172-1	6-3	-1-1	6-2	300-5	341-3	15-2	87-8	1-2	351-
3-2	15-1	1036-1	900-0	21-4	13-5	180-6	10-6	0-9	10-5	303-0	333-5	11-0	61-5	1-6	353-
4-1	17-5	1260-8	875-0	21-4	10-3	190-6	11-2	2-1	11-0	306-0	331-2	9-1	49-3	2-0	356-
5-1	19-7	1531-4	850-0	19-1	12-0	201-4	9-0	3-3	8-4	306-2	335-1	10-5	63-6	2-7	1-
6-0	22-0	1787-7	825-0	17-2	12-3	211-7	9-5	5-0	8-1	306-7	337-0	11-0	72-0	3-2	5-
6-3	24-3	2050-4	800-0	15-2	13-3	215-3	5-6	5-7	8-1	307-4	341-8	12-1	88-5	3-6	9-
7-9	26-6	2319-6	775-0	13-2	11-6	219-6	10-2	6-5	7-9	308-0	339-0	11-2	90-0	4-1	13-
9-9	29-0	2555-3	750-0	11-9	7-6	227-8	10-4	7-7	7-0	309-2	338-0	8-7	73-8	4-7	17-
11-0	31-4	2830-2	725-0	10-2	3-3	230-2	10-1	7-7	6-5	312-0	332-2	6-7	54-6	5-2	21-
11-0	33-9	3173-7	700-0	10-2	3-3	228-5	9-4	7-1	6-3	313-0	332-1	7-0	62-2	5-8	24-
12-1	36-3	3475-6	675-0	7-8	2-5	238-1	9-5	7-7	5-6	314-4	330-4	6-8	69-2	6-4	26-
13-1	39-9	3786-1	650-0	6-2	-3-0	240-1	8-9	7-7	4-5	316-0	330-2	4-7	51-8	7-0	29-
14-6	41-4	4107-4	625-0	5-1	-3-7	233-5	6-9	5-5	4-1	318-2	332-4	4-7	52-9	7-9	32-
15-8	44-1	4493-0	600-0	3-7	-9-6	222-2	7-0	4-7	5-2	320-4	330-1	3-1	37-1	7-9	32-
17-0	46-5	4784-3	575-0	0-9	-5-4	222-0	9-8	6-6	7-3	321-0	330-8	4-5	61-1	8-5	33-
19-3	48-5	5181-1	550-0	-1-1	-8-6	222-3	11-1	7-4	6-2	322-8	330-2	3-6	56-2	9-3	34-
19-5	52-3	5510-3	525-0	-3-8	-14-1	220-9	12-7	8-3	9-6	323-5	332-0	2-5	46-1	10-2	34-
20-4	55-2	5854-7	500-0	-4-8	-17-1	219-6	12-8	8-2	9-9	327-2	328-6	0-4	7-4	11-2	35-
22-3	58-1	6206-8	475-0	-6-3	-31-9	231-0	12-1	9-4	7-6	330-2	330-4	0-1	1-0	12-3	36-
23-7	61-1	6718-5	450-0	-6-0	-24-1	241-5	13-4	12-0	6-0	333-3	330-2	0-8	18-1	13-3	37-
25-2	64-4	7160-6	425-0	-10-7	-29-2	251-5	12-8	12-2	4-1	335-2	330-1	0-8	20-1	14-3	40-
26-6	67-6	7626-2	400-0	-13-5	-33-1	248-3	13-5	12-4	5-4	337-2	338-8	0-4	10-4	15-4	42-
29-4	73-9	8112-3	375-0	-17-0	-60-7	248-2	14-5	13-0	6-3	339-1	339-2	0-0	1-0	16-8	44-
30-3	74-3	8625-9	350-0	-20-9	-62-1	252-2	14-1	13-5	4-3	340-6	340-7	0-0	1-2	18-2	46-
32-2	74-0	9167-7	325-0	-25-8	-64-1	258-4	13-9	13-4	3-7	341-1	342-8	0-2	16-0	17-6	48-
34-1	81-7	9744-3	300-0	-29-5	-67-3	238-9	12-4	10-6	6-4	343-2	343-5	0-2	15-7	21-0	50-
36-1	85-7	10378-5	275-0	-34-8	-67-3	238-7	12-8	11-0	6-7	344-2	343-6	0-2	26-5	22-5	50-
39-2	90-8	11015-7	250-0	-40-4	59-9	250-3	11-8	11-1	4-0	346-0	346-0	99-9	99-9	24-0	51-
40-7	94-3	11725-1	225-0	-45-7	59-9	248-2	13-7	12-7	5-1	348-4	349-9	99-9	99-9	25-7	52-
43-5	99-0	12499-2	200-0	-51-9	99-9	248-9	14-9	13-7	5-8	351-3	349-9	99-9	99-9	28-1	54-
46-9	104-2	13152-1	175-0	-58-4	99-9	243-5	13-3	11-9	5-9	353-2	349-9	99-9	99-9	31-0	55-
50-1	107-8	14104-0	150-0	-66-4	59-9	232-2	10-1	8-0	6-2	355-8	349-9	99-9	99-9	33-2	56-
53-4	116-3	15190-4	125-0	-73-3	59-9	231-6	5-4	4-2	3-3	364-1	349-9	99-9	99-9	34-9	55-
54-0	121-0	16085-2	100-0	-73-5	99-9	201-6	2-8	2-6	-1-1	385-7	349-9	99-9	99-9	35-8	55-
63-4	131-3	18383-1	75-0	-67-3	59-9	134-3	6-6	-4-6	4-6	431-2	349-9	99-9	99-9	35-9	55-
73-9	141-7	20890-3	50-0	-58-3	99-9	104-5	11-2	-10-8	2-8	506-3	349-9	99-9	99-9	32-6	48-
83-4	155-0	25391-4	25-0	-46-6	59-9	59-9	99-9	99-9	99-9	658-7	349-9	99-9	99-9	26-7	34-

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 9 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
LAKE CHARLES, LOUISIANA

7 JUNE 1979  
2005 GMT

TIME MIN	CNTCY	WEIGHT GPM	WRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U CCMP M/SEC	V CCMP M/SEC	POT 1 DEG E	POT 2 DEG E	E POT 1 DEG E	W POT 1 M/SEC	RM PCT	RANGE KM	AZ DEG
0.0	1.0	5.0	1011.7	30.0	23.9	180.0	6.2	0.0	6.2	302.3	302.3	352.1	18.0	70.0	0.0	0.
0.3	6.1	109.2	1000.0	28.4	22.5	155.2	8.7	-3.1	8.2	301.6	301.6	347.7	17.4	70.2	0.3	330.
0.9	9.1	333.6	975.0	25.7	20.8	160.5	8.2	-2.7	7.7	301.6	301.6	343.6	16.1	70.2	0.5	330.
1.7	10.3	582.6	950.0	23.5	20.5	167.6	7.9	-1.7	7.7	301.6	301.6	344.0	16.2	83.0	0.8	360.
2.3	12.4	795.9	925.0	21.5	19.3	174.4	6.2	-0.8	6.1	301.3	301.3	342.3	15.4	87.3	1.2	360.
3.2	16.5	1033.9	900.0	20.9	13.3	183.3	7.3	0.4	7.3	303.1	303.1	332.5	10.0	62.3	1.5	360.
4.2	16.7	1278.3	875.0	21.6	9.8	186.6	7.1	1.1	7.0	306.3	306.3	330.9	8.9	47.6	1.9	351.
5.2	18.9	1528.9	850.0	19.2	11.4	194.9	6.9	1.8	6.7	306.2	306.2	330.1	10.1	60.7	2.4	355.
6.2	21.2	1785.1	825.0	17.2	11.8	207.6	5.8	2.7	5.1	306.6	306.6	336.1	10.6	70.5	2.7	350.
7.2	21.5	2047.4	803.0	14.9	11.5	215.5	6.0	3.5	4.9	307.6	307.6	336.8	10.4	80.5	3.0	2.
8.3	25.8	2316.1	775.0	13.4	9.5	224.3	7.0	4.9	5.0	308.3	308.3	335.4	9.7	77.3	3.3	7.
9.4	29.2	2592.3	753.0	12.5	5.4	230.5	7.9	6.1	5.0	310.2	310.2	331.8	7.6	62.0	3.7	12.
10.5	30.5	2786.8	725.0	11.8	2.7	232.4	6.0	4.5	4.8	312.4	312.4	331.1	6.4	53.7	4.1	17.
11.6	31.0	3175.3	700.0	10.8	2.9	221.6	8.6	5.3	6.0	314.2	314.2	334.3	6.8	58.1	4.6	20.
12.7	35.4	3473.0	675.0	7.9	-1.0	215.3	7.5	4.3	6.1	315.6	315.6	331.3	5.3	49.5	5.1	22.
13.8	39.0	3784.5	650.0	7.0	-1.8	216.0	7.6	4.5	6.0	318.6	318.6	332.4	5.2	53.7	5.6	23.
14.9	43.5	4106.1	625.0	4.8	-3.4	212.1	7.0	3.7	5.9	318.6	318.6	332.3	4.7	54.4	6.1	26.
16.2	43.1	4438.2	600.0	2.7	-2.7	224.6	8.4	8.9	6.0	319.2	319.2	335.1	5.2	67.5	6.6	25.
17.4	45.9	4781.9	575.0	1.1	-8.5	231.3	10.3	8.2	6.1	321.2	321.2	332.2	3.5	68.8	7.2	27.
18.8	48.6	5138.3	550.0	-6.8	-16.8	232.6	13.4	10.7	8.1	323.2	323.2	329.3	1.9	28.5	8.1	30.
20.0	51.3	5509.1	525.0	-1.2	-20.7	232.1	13.1	10.4	8.1	327.6	327.6	327.3	0.1	1.0	9.1	33.
21.4	54.2	5906.7	500.0	-2.7	-51.6	233.0	12.5	10.0	7.5	329.6	329.6	330.5	0.1	1.0	10.0	35.
22.7	57.1	6300.4	475.0	-6.2	-53.8	232.4	13.2	10.2	8.1	330.2	330.2	330.5	0.1	1.0	11.0	36.
24.2	60.1	6721.1	450.0	-9.0	-44.2	236.3	12.6	10.5	7.8	332.0	332.0	332.7	0.2	4.2	12.1	38.
25.9	63.3	7161.6	425.0	-11.6	-27.0	242.9	11.5	10.2	5.2	334.1	334.1	337.4	1.0	27.1	13.3	40.
27.4	66.4	7623.8	400.0	-14.2	-44.2	246.4	11.1	10.1	4.4	336.2	336.2	337.4	0.1	3.8	14.3	42.
29.4	69.7	8110.2	375.0	-17.4	-61.0	243.7	10.3	9.2	4.6	338.6	338.6	338.7	0.0	1.0	15.3	44.
31.3	73.1	8622.2	350.0	-22.0	-63.9	237.5	10.8	9.1	5.8	339.1	339.1	339.2	0.0	1.0	16.5	45.
33.2	76.7	9152.9	325.0	-26.5	-55.6	247.5	9.4	8.7	3.6	340.3	340.3	340.8	0.1	4.5	17.6	46.
35.3	80.4	9737.0	300.0	-30.5	-44.8	240.5	10.8	8.7	5.0	342.4	342.4	343.3	0.2	23.1	18.7	47.
37.5	84.3	10388.9	275.0	-35.6	-45.4	238.3	10.5	9.0	8.5	343.7	343.7	344.6	0.2	34.4	20.0	48.
39.0	89.5	11085.3	250.0	-41.0	-50.9	241.7	11.1	9.8	5.3	345.2	345.2	345.9	99.9	99.9	20.9	49.
42.6	92.9	11713.1	225.0	-46.5	-59.9	235.6	13.5	11.1	7.6	347.2	347.2	349.9	99.9	99.9	21.5	50.
45.4	97.4	12484.4	200.0	-52.5	-69.0	237.0	12.5	10.6	8.3	349.7	349.7	350.9	99.9	99.9	25.7	50.
48.5	102.5	13335.9	175.0	-59.4	-59.9	232.6	12.7	10.1	7.7	351.5	351.5	350.9	99.9	99.9	29.2	50.
52.1	108.0	14288.9	150.0	-66.2	-59.9	242.9	10.3	9.1	6.7	354.1	354.1	359.9	99.9	99.9	30.7	50.
55.7	114.3	15173.1	125.0	-72.8	-59.9	255.1	9.9	4.7	1.3	363.7	363.7	369.9	99.9	99.9	32.0	51.
63.2	121.0	16602.7	100.0	-74.9	-59.9	258.0	3.2	3.1	0.7	383.8	383.8	399.9	99.9	99.9	32.8	51.
65.7	129.8	18354.2	75.0	-66.8	-59.9	168.0	6.9	-1.3	6.4	428.7	428.7	499.9	99.9	99.9	30.4	53.
73.4	139.0	20336.2	50.0	-60.3	-59.9	102.1	9.9	-9.7	2.1	881.2	881.2	999.9	99.9	99.9	30.4	53.
86.0	151.5	25320.0	25.0	-48.9	-59.9	87.0	14.8	-14.0	-0.7	644.2	644.2	999.9	99.9	99.9	24.5	29.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
 LAKE CHARLES, LOUISIANA

 7 JUNE 1979  
 2300 GMT

TIME MIN	CMTC	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG C	E POT T DEG C	MR RTO CM/SEC	RM PCT	RANGE KM	AZ DEG
0.0	5.9	5.0	1011.3	28.3	22.3	180.0	6.2	0.0	6.2	300.2	345.4	17.0	70.0	0.0	0.0
0.3	6.8	104.7	1000.0	26.2	20.9	165.1	10.9	-2.1	10.7	299.4	341.0	15.4	72.5	0.4	347.0
1.0	9.0	327.9	975.0	23.8	20.4	171.4	10.0	-1.5	9.9	299.1	340.5	15.7	81.4	0.7	348.0
1.6	11.1	555.8	950.0	22.2	20.9	176.0	8.2	-0.6	8.2	299.7	343.6	16.6	92.5	1.0	350.0
2.4	13.3	787.7	925.0	19.9	19.3	175.2	6.3	-0.7	6.2	299.7	340.4	15.4	95.8	1.4	352.0
3.1	15.5	1024.1	900.0	18.3	8.9	168.9	6.2	-1.0	6.0	300.4	323.7	8.6	57.9	1.7	352.0
4.0	17.7	1266.4	875.0	21.3	-16.5	171.5	7.1	-1.1	7.0	305.5	310.8	1.3	7.2	2.1	351.0
4.0	20.0	1516.0	850.0	19.3	1.6	177.7	7.4	-0.3	7.3	305.2	320.9	5.1	30.8	2.5	352.0
5.5	22.3	1771.9	825.0	17.6	5.6	187.0	7.7	0.9	7.6	307.4	326.9	7.0	45.2	2.9	353.0
6.5	24.6	2034.2	800.0	15.5	7.1	183.7	7.3	1.2	7.2	307.7	330.2	8.0	57.3	3.4	355.0
7.9	26.9	2302.6	775.0	13.3	7.0	210.6	5.7	2.9	4.9	308.1	331.1	8.1	65.4	3.7	357.0
9.0	29.1	2578.4	750.0	12.7	5.9	239.6	5.1	4.4	2.6	310.4	332.7	7.8	63.3	4.0	1.0
10.2	31.7	2863.3	725.0	11.5	2.2	239.3	5.2	4.5	2.7	312.1	330.2	6.2	53.1	4.1	6.0
11.4	34.2	3156.6	700.0	10.4	-1.5	216.2	5.0	2.9	4.0	314.0	328.6	4.9	43.4	4.4	9.0
12.5	36.7	3458.5	675.0	8.9	-17.6	201.3	5.4	2.0	5.0	315.7	321.2	1.8	16.0	4.7	11.0
13.6	39.2	3769.5	650.0	6.4	-5.0	190.1	5.2	0.9	5.2	318.1	328.5	4.1	44.1	5.1	11.0
14.9	41.4	4030.1	625.0	4.2	-0.2	211.4	4.9	2.5	4.2	317.2	335.4	6.1	73.1	5.5	11.0
16.2	44.4	4422.2	600.0	3.1	-10.3	234.5	7.0	5.7	4.1	319.7	328.9	2.9	36.6	5.8	14.0
17.6	47.1	4765.6	575.0	1.5	-17.2	245.5	10.2	9.3	4.2	321.7	327.4	1.7	23.4	6.4	18.0
18.9	49.9	5122.4	550.0	-0.3	-20.8	252.4	11.5	11.0	3.5	323.6	328.2	1.3	19.7	6.9	24.0
20.2	52.5	5493.2	525.0	-2.0	-49.3	247.6	11.4	10.6	4.4	326.0	326.3	0.1	1.3	7.6	29.0
21.5	55.6	5879.6	500.0	-3.0	-52.3	244.1	11.6	10.8	4.3	328.0	326.7	0.1	1.0	8.3	33.0
23.0	59.6	6283.4	475.0	-5.2	-53.2	249.1	12.8	12.0	4.6	331.6	331.8	0.1	1.0	9.2	37.0
24.6	61.6	6705.5	450.0	-8.4	-48.2	246.2	13.0	11.9	5.3	332.6	333.3	0.2	3.7	10.3	41.0
26.2	64.8	7145.8	425.0	-11.8	-53.1	240.0	12.1	10.5	6.1	333.6	334.0	0.1	1.5	11.4	43.0
27.6	69.0	7606.3	400.0	-15.7	-57.9	241.2	12.2	10.7	5.9	336.4	334.7	0.0	1.0	12.5	46.0
29.4	71.3	8090.9	375.0	-18.8	-41.0	242.4	12.5	11.1	5.8	336.7	337.8	0.3	12.2	13.7	46.0
31.2	74.7	8600.9	350.0	-22.6	-55.6	229.1	11.7	8.7	7.8	338.2	336.7	0.1	5.3	14.9	47.0
31.2	74.3	9143.5	325.0	-26.5	-65.9	220.1	9.3	6.0	7.1	340.1	340.2	0.0	1.0	16.2	47.0
34.3	82.0	9712.6	300.0	-31.4	-44.9	218.1	7.9	4.9	6.2	341.1	342.0	0.2	24.7	17.2	46.0
37.4	96.0	10422.6	275.0	-35.7	-48.1	222.0	6.2	5.5	7.1	343.4	344.1	0.2	26.4	18.3	46.0
39.7	93.2	10978.3	250.0	-41.2	-69.9	225.2	10.5	7.5	7.4	344.6	344.6	0.9	95.9	19.4	45.0
42.0	94.5	11486.0	225.0	-46.8	99.9	226.1	12.1	8.7	8.4	348.7	349.9	0.9	99.9	21.1	46.0
44.8	99.2	12475.0	200.0	-53.8	59.9	226.0	13.4	9.4	8.1	347.6	349.9	0.9	99.9	23.0	46.0
47.1	104.2	13104.0	175.0	-55.0	99.9	227.3	11.2	8.3	7.6	352.6	349.9	0.9	99.9	25.2	46.0
53.1	109.8	14251.9	150.0	-67.4	59.9	251.2	8.0	7.6	2.6	354.0	349.9	0.9	99.9	27.1	46.0
54.9	115.4	15134.9	125.0	-75.7	93.9	253.3	3.1	3.0	0.8	361.4	349.9	0.9	95.9	27.8	47.0
58.7	127.5	16533.0	100.0	-73.7	93.9	102.5	2.4	1.2	2.0	365.4	349.9	0.9	99.9	28.2	46.0
64.2	137.7	18339.5	75.0	-87.4	99.9	102.9	6.4	-0.2	1.4	431.7	349.9	0.9	95.9	27.4	46.0
71.6	143.5	20455.8	50.0	-95.6	99.9	90.3	10.5	-10.5	0.1	512.2	349.9	0.9	99.9	25.1	39.0
83.5	151.5	25159.8	25.0	-47.7	99.9	99.9	99.9	99.9	99.9	607.6	349.9	0.9	99.9	19.9	20.0

 0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG

STATION NO. 240  
LAKE CHARLES, LOUISIANA

8 JUNE 1970  
100 GMT

100 10. 0

TIME MIN	CNTCT	WPTHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POF T DEG K	E POT T DEG K	WIND CM/SEC	WIND PCT	RANGE KM	AZ DEG
0.0	5.3	5.0	1011.7	25.6	22.9	160.0	3.6	-1.2	3.4	257.8	43.8	17.7	85.0	0.0	0.
0.6	6.3	108.3	1000.6	26.4	24.4	90.0	9.9	9.9	9.9	299.2	350.7	19.6	80.7	949.9	999.
1.2	8.4	312.6	975.0	26.7	23.3	90.0	9.9	9.9	9.9	300.6	349.4	18.9	92.0	999.9	999.
2.0	10.6	560.8	950.0	22.9	22.1	90.0	9.9	9.9	9.9	300.4	347.7	18.0	93.3	999.9	999.
2.6	12.8	793.4	925.0	21.5	14.7	90.0	9.9	9.9	9.9	301.2	332.4	11.6	65.7	999.9	999.
3.4	15.0	1011.1	900.0	20.6	13.9	90.0	9.9	9.9	9.9	302.8	333.2	11.2	65.3	999.9	999.
4.4	17.3	1225.0	875.0	20.5	4.2	90.0	9.9	9.9	9.9	305.1	322.4	6.1	35.5	999.9	999.
5.6	19.5	1525.3	850.0	20.49	59.9	90.0	9.9	9.9	9.9	307.2	999.9	99.9	99.9	999.9	999.
6.7	21.8	1781.6	825.0	15.26	59.9	90.0	9.9	9.9	9.9	308.6	999.9	99.9	99.9	999.9	999.
7.7	24.2	2764.4	800.0	16.09	59.9	90.0	9.9	9.9	9.9	310.2	999.9	99.9	99.9	999.9	999.
9.4	26.5	2314.7	775.0	16.66	59.9	90.0	9.9	9.9	9.9	311.7	999.9	99.9	99.9	999.9	999.
10.3	29.9	2592.2	750.0	15.18	52.9	90.0	9.9	9.9	9.9	313.0	999.9	99.9	99.9	999.9	999.
11.2	31.4	2978.2	725.0	13.6	3.5	90.0	9.9	9.9	9.9	314.4	334.2	6.0	50.2	999.9	999.
12.2	33.7	3173.5	700.0	12.6	1.1	90.0	9.9	9.9	9.9	316.4	334.0	5.9	45.3	999.9	999.
13.4	36.3	3791.1	650.0	10.3	0.0	90.0	9.9	9.9	9.9	317.2	334.2	5.7	48.8	999.9	999.
14.5	39.3	3791.1	650.0	6.4	-0.4	210.6	5.6	2.8	4.9	318.2	335.6	5.7	53.9	6.3	353.
15.7	41.3	4114.6	625.0	6.6	-3.7	230.6	5.0	3.8	3.1	320.6	336.3	4.7	67.7	6.6	355.
17.1	44.0	4448.7	600.0	4.4	-5.7	263.3	7.1	7.1	0.8	321.2	336.1	4.2	67.7	6.7	359.
19.4	46.8	4764.5	575.0	2.5	-5.3	272.1	8.4	8.6	-0.3	322.5	336.8	4.5	56.4	6.7	4.
19.9	49.4	5153.0	550.0	0.6	-7.2	277.7	9.6	9.6	-0.5	324.2	337.4	4.1	55.7	6.8	11.
21.1	52.3	5525.5	525.0	-1.5	-11.8	269.1	10.0	10.0	0.1	326.2	338.2	3.0	45.6	6.9	17.
22.4	55.2	5913.3	500.0	-2.8	-16.1	257.2	9.5	9.3	2.1	329.6	338.8	2.2	35.1	7.3	23.
23.9	54.2	6177.7	475.0	-5.6	-13.6	255.6	9.7	9.4	2.4	333.6	340.3	2.8	53.4	7.8	27.
25.4	61.1	6780.6	450.0	-7.8	-20.0	248.5	11.1	10.3	4.1	333.2	339.3	1.7	36.5	8.5	32.
27.2	64.5	7192.0	425.0	-11.4	-22.2	251.3	12.4	11.7	4.0	336.4	339.3	1.5	40.0	9.5	37.
29.9	67.7	7664.5	400.0	-14.2	-30.4	257.9	12.9	12.6	2.7	336.8	339.2	0.7	23.4	10.6	41.
30.7	71.1	8130.3	375.0	-18.5	-38.7	253.6	12.9	12.5	3.2	337.2	339.1	0.9	22.2	11.7	45.
32.5	74.6	8641.1	350.0	-22.4	-33.3	237.6	10.9	9.4	5.5	338.2	340.9	0.7	36.4	12.9	48.
34.5	78.2	9181.0	325.0	-26.5	-37.5	210.6	9.3	4.8	8.0	340.2	342.8	0.5	34.9	14.1	48.
36.6	82.0	9754.5	300.0	-30.6	-39.5	200.4	8.1	2.8	7.6	342.2	343.8	0.4	45.5	15.1	48.
38.9	86.0	10367.1	275.0	-34.9	-45.9	210.8	9.0	4.6	7.7	344.7	345.5	0.2	31.4	16.1	44.
41.3	93.2	11266.0	250.0	-39.9	-59.9	213.0	11.9	6.9	9.4	346.2	999.9	99.9	95.9	17.6	43.
43.9	94.7	11736.9	225.0	-45.9	59.9	222.9	12.3	8.7	8.7	348.1	999.9	99.9	99.9	19.5	43.
46.7	92.4	12310.2	200.0	-51.8	59.9	220.4	12.4	8.0	9.5	350.7	999.9	99.9	99.9	21.7	43.
49.8	104.8	13162.7	175.0	-56.6	99.9	223.5	11.6	8.0	8.4	353.2	999.9	99.9	99.9	23.9	43.
52.9	110.3	14114.2	150.0	-64.5	59.9	257.0	9.3	5.2	1.2	359.4	999.9	99.9	99.9	26.2	40.
56.7	123.7	15033.0	125.0	-72.7	59.9	208.3	3.3	1.5	3.6	363.4	999.9	99.9	99.9	28.8	43.
60.9	133.5	16705.8	100.0	-74.0	99.9	268.4	3.2	3.2	6.0	364.7	999.9	99.9	99.9	29.6	41.
66.2	132.0	18166.7	75.0	-70.3	59.9	56.1	8.3	-8.2	8.9	425.2	999.9	99.9	99.9	23.4	41.
74.1	142.5	20470.5	50.0	-56.1	93.9	88.0	11.1	-11.1	-8.4	508.7	999.9	99.9	99.9	23.4	38.
86.9	155.5	25339.3	25.0	-88.6	99.9	83.0	19.9	-13.7	-1.9	649.1	999.9	99.9	99.9	19.0	4.

9.9 SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

9.9 TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

9.9 WIND SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG

STATION NO. 248  
LAKE CHARLES, LOUISIANA

8 JUNE 1978  
000 GMT

TIME MIN	CATCT	WEIGHT GPM	WRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT 1 DEG E	E POT V DEG E	MR STD CM/SEC	RM PCT	RANGE KM	AZ DEG
0.0	5.2	3.0	1012.7	25.0	21.2	180.0	2.6	0.0	2.6	297.1	343.8	18.1	90.0	0.7	0.
0.4	6.3	116.7	1000.0	25.7	24.0	179.7	4.5	-0.2	6.9	298.5	348.9	19.2	90.2	0.3	363.
1.2	8.3	340.2	575.0	24.0	22.6	178.1	9.6	-0.3	9.6	299.4	348.7	18.1	91.9	0.6	354.
2.1	10.5	568.1	930.0	22.5	21.0	175.9	11.0	-0.8	11.0	300.0	344.2	16.8	91.5	1.2	350.
2.9	12.6	800.7	925.0	21.2	17.0	172.5	12.2	-1.6	12.2	301.0	336.7	13.4	77.1	1.7	337.
3.9	14.8	1038.1	500.0	20.2	15.9	170.1	12.7	-2.2	12.5	302.2	336.6	12.8	76.6	2.6	355.
4.7	17.3	1281.0	815.0	20.3	6.5	176.1	10.6	-1.1	10.5	304.9	224.4	7.0	40.6	3.1	356.
5.4	19.3	1532.7	853.0	20.5	10.5	178.2	9.1	-0.3	9.1	307.2	334.1	9.5	52.8	3.6	355.
6.5	21.5	1792.4	825.0	15.7	9.4	173.3	7.7	-0.9	7.6	309.2	333.4	8.5	43.2	4.0	355.
7.5	23.8	2055.0	820.0	18.3	9.1	169.6	6.5	-1.2	6.4	310.7	334.9	8.5	51.3	4.4	356.
8.5	26.2	2328.9	775.0	17.6	5.4	163.0	6.4	-1.9	6.1	312.7	333.8	7.3	44.6	4.8	356.
9.4	28.6	2606.4	750.0	15.7	3.6	165.4	5.6	-2.4	5.2	313.7	332.9	6.6	44.1	5.1	353.
10.5	31.0	2397.2	725.0	17.2	5.0	157.0	4.9	-1.8	4.5	314.6	336.0	7.6	57.4	5.4	352.
11.6	33.4	3184.1	700.0	11.7	2.8	179.2	5.2	-0.1	5.2	315.4	335.1	6.7	56.3	5.8	351.
12.6	36.2	3491.4	675.0	9.9	-4.6	193.6	4.9	1.2	4.7	316.7	328.2	4.0	35.2	6.1	352.
13.7	38.5	3808.6	650.0	7.3	1.0	204.3	3.2	1.5	2.8	318.2	337.5	6.4	60.7	6.3	353.
14.7	41.1	4128.4	625.0	7.3	-4.5	249.0	2.5	2.4	0.7	320.2	334.3	4.4	42.6	6.4	355.
15.5	43.5	4463.6	600.0	5.2	-3.9	272.5	3.1	3.0	-0.1	322.2	336.9	4.8	51.7	6.4	356.
17.0	46.4	4810.2	575.0	2.8	-5.9	298.6	5.0	4.5	-2.1	323.2	336.6	4.3	52.9	6.3	359.
17.3	47.2	5168.6	550.0	5.1	-6.2	290.3	6.1	5.7	-2.1	324.2	337.8	4.4	62.3	6.1	2.
18.4	51.1	5540.2	525.0	-2.0	-9.1	264.9	6.8	6.8	0.6	326.6	338.5	4.0	62.6	6.1	7.
23.4	55.0	5927.9	570.0	-3.4	-11.6	245.2	8.3	7.5	3.5	328.5	339.1	3.2	53.0	6.3	11.
23.7	59.2	6332.2	475.0	-5.7	-19.7	240.7	5.3	6.1	4.5	331.6	336.2	1.7	31.9	6.6	16.
23.5	61.2	6753.8	450.0	-8.8	-21.5	239.2	6.7	7.4	4.6	332.2	337.4	1.5	34.7	7.3	20.
25.0	64.1	7194.7	425.0	-11.1	-29.9	241.2	8.8	7.7	4.2	334.7	335.9	0.3	7.1	8.0	23.
26.5	67.5	7656.5	400.0	-15.1	-46.3	247.8	9.7	9.0	3.7	335.3	335.9	0.1	4.9	8.6	27.
28.2	71.9	8140.7	375.0	-15.0	-46.0	244.9	9.8	8.9	4.2	336.2	337.2	0.2	7.1	9.4	31.
30.0	74.3	8650.2	350.0	-21.1	-41.1	232.1	9.1	7.2	5.6	337.4	338.8	0.2	14.3	10.3	34.
33.3	74.0	9166.9	325.0	-24.6	-34.1	197.7	9.7	3.0	9.3	340.6	342.4	0.6	48.8	11.3	36.
33.9	81.7	9762.1	300.0	-21.1	-40.6	205.6	11.1	4.0	10.4	341.2	342.9	0.4	38.4	12.5	32.
36.0	85.4	10371.0	275.0	-35.8	-46.6	205.6	10.3	4.5	9.3	343.4	344.2	0.7	31.7	13.8	31.
38.3	90.3	11029.2	250.0	-40.3	-59.9	212.2	12.4	6.6	10.5	346.1	349.9	99.9	99.9	15.3	31.
40.6	94.4	11738.4	225.0	-46.6	-59.9	212.4	12.9	6.3	10.9	347.2	359.9	99.9	99.9	17.2	31.
43.3	99.2	12510.2	200.0	-52.4	-64.9	216.6	13.4	7.4	11.0	349.4	359.9	99.9	99.9	19.3	32.
45.4	104.4	13361.8	175.0	-52.5	-64.9	212.2	12.1	6.5	10.2	352.2	359.9	99.9	99.9	21.7	32.
48.4	110.0	14112.7	150.0	-67.6	-92.9	190.5	5.4	1.0	5.3	355.2	359.9	99.9	99.9	23.4	32.
52.9	114.3	15394.0	125.0	-73.8	-59.9	183.7	4.5	0.3	4.5	361.4	359.9	99.9	99.9	24.1	31.
54.9	123.3	16684.1	100.0	-74.9	-59.9	109.1	5.0	-4.8	1.7	379.2	359.9	99.9	99.9	24.8	29.
62.1	112.0	18361.5	75.0	-69.9	-59.9	101.4	9.4	-9.2	-1.9	426.2	359.9	99.9	99.9	24.1	25.
63.7	142.5	20549.1	50.0	-56.4	97.4	85.0	12.4	-12.4	-1.1	805.1	359.9	99.9	99.9	22.3	18.
82.9	155.5	25345.5	25.0	-49.3	59.9	83.0	16.1	-16.6	-2.0	843.1	359.9	99.9	99.9	21.3	349.

0 1Y SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 200  
LAKE CHARLES, LOUISIANA

8 JUNE 1979  
000 GMT

TIME MIN	CHFT	WEIGHT GPM	PRES 4B	TEMP DEG C	DEPT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V CLVP M/SEC	POT V DEG K	POT T DEG K	W/ RTO CM/SEC	RM PCT	RANGE KM	AZ DEG
0.0	5.9	5.0	1012.4	24.4	23.4	140.0	2.1	-1.3	1.0	246.2	343.0	10.2	94.0	0.0	0.
0.3	6.0	113.5	1003.0	24.4	23.4	168.2	7.6	-1.6	7.7	297.2	346.3	10.7	95.0	0.2	347.
1.1	9.2	336.5	975.0	23.4	22.0	177.9	8.4	-0.3	8.4	298.7	346.5	10.3	96.4	0.5	351.
2.0	11.5	523.7	950.0	21.4	20.9	183.5	9.3	0.6	9.3	298.5	342.4	10.4	96.8	1.0	356.
2.7	13.0	785.5	925.0	20.3	19.1	182.6	10.1	8.5	10.1	300.4	340.4	15.3	92.9	1.4	359.
3.4	16.2	1032.7	900.0	20.2	13.0	179.8	9.9	-0.0	9.9	302.4	332.6	11.2	87.1	1.9	359.
4.4	19.6	1278.5	875.0	20.9	6.6	173.8	9.7	-1.1	9.7	305.4	325.4	7.1	39.8	2.4	359.
5.3	21.0	1527.4	850.0	20.3	11.1	168.2	8.2	-1.0	8.4	307.4	334.8	9.9	55.5	2.9	357.
6.3	23.5	1784.8	825.0	15.0	3.1	161.5	8.3	-2.6	7.9	309.5	326.5	5.9	33.5	3.4	356.
7.2	26.0	2049.0	800.0	12.8	7.1	155.8	7.5	-3.1	6.9	310.4	332.7	7.9	49.5	3.8	354.
9.2	29.0	2320.1	775.0	16.3	5.4	156.9	6.8	-2.7	6.2	311.2	332.3	7.3	40.5	4.2	352.
9.3	31.2	2550.5	750.0	14.2	5.0	155.7	6.5	-2.7	5.9	312.2	334.1	7.7	54.2	4.7	351.
12.3	33.7	2894.2	725.0	12.3	4.1	155.7	4.6	-1.9	4.2	313.6	333.6	7.1	57.2	5.0	349.
11.4	34.4	3170.1	700.0	10.6	1.0	162.9	3.6	-1.1	3.9	314.8	332.6	6.3	54.4	5.2	349.
12.3	34.1	3400.5	675.0	9.0	-13.2	174.4	3.3	-0.3	3.3	316.4	323.1	2.1	19.3	5.4	349.
11.5	41.9	3762.3	650.0	6.3	-9.0	181.4	3.7	0.1	3.7	319.4	320.3	3.2	30.4	5.7	349.
10.7	44.7	4116.4	625.0	6.8	-1.9	190.7	3.2	0.6	3.1	320.2	334.5	5.4	54.2	5.9	350.
15.4	47.6	4640.4	600.0	4.8	-4.7	221.8	1.8	1.2	1.4	321.6	335.8	4.5	50.5	6.1	351.
17.1	52.5	4796.5	575.0	2.1	-6.7	265.3	3.0	3.0	0.2	322.5	335.3	4.1	52.1	6.1	352.
19.4	53.5	5154.6	550.0	-0.4	-5.9	271.0	4.4	4.4	-0.1	323.7	337.6	4.5	66.3	6.0	355.
19.7	54.6	5525.4	525.0	-2.9	-7.4	266.3	4.7	4.7	0.3	324.6	338.0	4.2	71.3	6.3	358.
21.1	57.7	5910.4	500.0	-5.5	59.8	252.7	5.8	5.5	1.7	324.3	396.0	99.9	999.9	6.1	2.
22.6	63.0	6310.7	475.0	-7.3	69.9	247.1	6.7	6.2	2.6	328.5	399.9	99.9	999.9	6.3	2.
24.1	66.3	6729.7	450.0	-9.5	-24.4	243.5	6.7	6.0	3.0	331.2	335.3	1.2	29.3	6.7	12.
25.7	69.7	7170.0	425.0	-11.2	-51.9	242.8	7.7	6.0	3.5	334.7	335.8	0.1	2.0	7.1	16.
27.1	73.3	7631.6	400.0	-15.0	-51.1	247.5	7.9	7.3	3.0	335.2	335.8	0.1	2.0	7.6	20.
28.9	77.0	8115.7	375.0	-19.0	-45.7	237.0	8.3	4.9	4.5	336.2	337.1	0.2	7.3	8.2	24.
30.4	82.8	8624.9	350.0	-21.0	-44.8	234.3	8.7	4.9	4.2	337.6	338.4	0.2	11.5	9.1	24.
32.7	86.7	9164.1	325.0	-23.0	-37.2	213.6	10.5	5.0	8.7	340.1	341.9	0.5	35.6	10.1	26.
34.6	88.4	9737.6	300.0	-30.8	-45.7	206.2	11.1	4.9	10.0	342.6	342.8	0.2	21.3	11.4	27.
36.8	93.3	10368.0	275.0	-35.6	-51.0	200.4	12.4	4.3	11.6	343.6	344.1	0.1	19.8	12.9	26.
39.1	98.0	11005.2	250.0	-40.0	59.9	210.5	13.6	0.9	11.7	345.2	399.9	99.9	999.9	10.6	26.
41.4	102.0	11719.7	225.0	-44.3	99.9	223.7	13.9	9.6	10.1	347.4	399.9	99.9	999.9	16.7	27.
44.5	104.2	12427.0	200.0	-52.1	59.9	226.1	14.3	10.3	9.9	350.3	399.9	99.9	999.9	15.1	30.
47.5	114.0	13330.9	175.0	-54.8	99.9	234.3	15.5	8.5	8.1	353.6	399.9	99.9	999.9	21.2	32.
50.9	120.5	14291.6	150.0	-60.4	99.9	219.8	7.6	4.9	5.9	355.7	399.9	99.9	999.9	22.9	34.
54.5	127.5	15374.3	125.0	-71.6	99.9	175.2	7.0	-0.1	7.0	361.6	399.9	99.9	999.9	24.2	33.
59.1	133.3	16462.2	100.0	-77.8	99.9	126.7	6.6	-5.3	3.9	377.4	399.9	99.9	999.9	25.4	30.
64.3	144.3	18333.3	75.0	-65.7	99.9	56.7	10.3	-10.3	1.2	426.2	399.9	99.9	999.9	26.7	24.
72.3	144.3	20823.2	50.0	-58.6	99.9	85.6	10.3	-10.3	-0.8	999.9	399.9	99.9	999.9	23.1	14.
80.6	144.3	25261.0	25.0	-50.8	99.9	90.8	15.4	-15.4	0.2	638.5	399.9	99.9	999.9	22.7	350.

0.4V SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0.4V TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00.3V SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 249  
LAKE CHARLES, LOUISIANA

0 JUNE 1979  
1100 GMT

TIME MIN	CNTCY	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPFEN M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG C	E POT T DEG C	MR STD CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	5.0	5.0	1013.0	23.9	23.4	130.0	1.5	-1.1	1.9	399.8	342.9	10.2	97.0	0.0	0.0
0.4	6.7	119.0	1000.0	23.7	24.1	144.3	6.8	-1.9	6.6	197.8	347.9	19.3	96.8	0.2	339.
1.2	9.1	342.0	975.0	23.4	22.6	172.8	8.6	-1.1	8.5	298.7	345.9	18.1	95.7	0.6	346.
2.0	11.5	569.6	950.0	22.0	21.1	179.1	7.6	-0.1	7.6	299.2	343.7	16.4	94.2	1.0	351.
2.9	11.8	801.6	925.0	20.3	19.2	183.6	6.5	0.4	6.9	300.1	340.7	15.4	93.5	1.3	351.
3.8	14.3	1038.8	900.0	18.6	17.2	183.6	6.8	0.4	6.8	300.9	339.0	13.9	93.6	1.7	345.
4.7	14.3	1311.1	873.0	16.4	16.0	180.4	7.1	0.1	7.1	303.1	325.9	8.3	93.6	2.1	357.
5.6	17.3	1530.3	850.0	15.7	15.2	166.9	8.5	-1.9	8.3	306.8	325.7	6.7	93.6	2.3	357.
6.6	23.9	1748.9	825.0	15.3	14.7	152.2	6.9	-2.7	6.4	308.0	329.2	7.5	46.6	2.9	354.
7.6	26.5	2050.4	800.0	14.5	14.0	140.7	7.0	-1.5	6.1	308.2	334.0	9.0	60.3	3.4	351.
8.6	29.1	2320.3	775.0	13.0	12.4	156.4	7.5	-3.0	6.9	309.9	333.8	8.4	60.6	3.8	348.
9.9	31.0	2597.9	750.0	13.9	13.9	152.6	6.6	-2.3	6.2	311.7	332.4	7.3	54.3	4.3	348.
12.9	34.5	2981.1	725.0	12.3	12.2	159.1	6.2	-2.3	5.8	312.5	323.8	3.6	29.2	4.7	347.
12.0	37.2	3176.1	700.0	10.7	10.7	149.4	6.3	-2.2	3.7	314.2	323.6	3.0	26.3	5.0	346.
13.0	43.1	3478.4	675.0	9.4	11.4	145.1	3.5	-2.6	2.9	316.2	323.4	2.4	21.7	5.2	345.
14.2	43.0	3743.7	650.0	8.3	13.5	154.7	4.1	-1.7	3.7	318.4	325.0	2.1	19.6	5.5	345.
15.4	45.9	4114.3	625.0	7.0	13.8	154.3	4.8	-2.1	4.3	320.4	334.6	4.6	46.3	5.8	344.
16.4	48.3	4449.1	600.0	5.0	15.4	157.4	3.3	-1.3	3.1	321.5	335.2	4.3	46.8	6.1	344.
17.9	51.0	4785.4	575.0	2.5	14.6	183.4	2.1	0.1	2.1	323.6	337.6	4.8	59.5	6.3	344.
19.2	54.8	5193.5	550.0	-0.6	14.6	199.6	2.4	6.0	2.2	323.4	338.7	5.0	74.5	6.4	344.
22.6	59.0	5523.9	525.0	-3.3	11.4	223.0	1.9	1.4	1.4	324.4	338.3	4.5	78.1	6.6	345.
23.3	64.6	6108.1	475.0	-6.2	7.3	258.2	2.2	1.1	0.4	325.1	337.2	4.4	91.7	6.8	347.
24.7	69.0	6725.6	450.0	-10.7	12.0	274.8	3.7	3.5	-0.3	325.5	337.2	3.2	78.5	6.5	349.
26.3	71.6	7165.4	425.0	-11.5	15.7	237.1	5.3	4.4	1.1	329.8	335.1	1.6	42.1	6.5	351.
28.1	75.2	7626.7	400.0	-15.0	15.7	233.1	6.1	4.8	2.9	334.2	336.4	0.0	1.2	6.6	355.
29.0	79.0	8110.2	375.0	-15.7	14.9	219.5	7.2	4.5	3.6	335.6	336.5	0.1	3.7	7.0	352.
31.6	81.0	8619.3	350.0	-17.9	19.3	199.3	8.6	2.8	6.1	337.5	339.2	0.4	21.8	6.2	350.
33.5	87.0	9157.1	325.0	-22.5	17.5	203.1	9.2	3.6	8.5	338.8	339.5	0.2	12.7	9.2	7.
35.7	91.3	9729.4	300.0	-21.0	15.5	209.4	11.4	5.4	10.1	341.7	342.2	0.1	12.7	10.5	9.
37.9	95.8	10140.9	275.0	-35.4	16.9	216.4	13.4	8.0	10.8	344.0	344.3	0.1	8.8	12.0	12.
43.5	105.6	10597.5	250.0	-40.6	16.9	222.8	11.8	8.0	8.6	345.7	349.9	99.9	959.9	13.8	18.
43.1	105.6	11706.5	225.0	-44.4	16.9	235.4	11.2	9.3	6.4	347.3	349.9	99.9	959.9	15.3	20.
48.0	111.3	12468.0	200.0	-51.7	16.9	236.5	11.2	9.3	6.2	350.5	349.9	99.9	959.9	16.8	24.
49.2	117.2	13332.7	175.0	-54.4	16.9	215.4	9.1	5.3	7.4	353.8	349.9	99.9	959.9	18.0	28.
52.4	123.7	14286.8	150.0	-65.7	16.9	206.9	7.4	3.4	6.6	356.9	349.9	99.9	959.9	20.1	27.
58.4	131.0	15177.4	125.0	-73.1	16.9	184.0	8.4	0.6	4.4	362.4	349.9	99.9	959.9	22.2	28.
62.4	142.3	16069.2	100.0	-74.5	16.9	175.6	6.8	-4.2	4.3	379.5	349.9	99.9	959.9	23.2	18.
65.5	146.5	18355.0	75.0	-68.8	16.9	137.7	9.3	-4.3	0.6	428.7	349.9	99.9	959.9	21.4	5.
73.3	154.5	20465.4	50.0	-55.4	16.9	91.9	13.0	-13.0	0.5	503.4	349.9	99.9	959.9	23.9	330.
84.7	168.0	25288.0	25.0	-50.4	16.9	91.2	16.0	-16.0	0.3	639.9	349.9	99.9	959.9	23.9	330.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG  
0 BY TFRP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG

STATION NO. 247  
LONGVIEW, TEXAS

7 JUNE 1979  
1100 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP C/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	W RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	4.5	124.0	993.4	24.4	22.5	168.0	3.1	-1.1	2.9	298.1	303.9	17.5	89.0	0.0	0.0
0.7	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	8.2	268.3	575.0	22.2	22.4	198.0	9.1	2.9	8.6	298.2	303.0	17.0	53.2	0.1	0.0
1.5	13.5	515.3	550.0	21.3	20.6	200.3	17.5	6.1	16.4	298.2	303.7	16.4	94.0	0.9	17.0
2.5	12.9	746.9	925.0	19.6	19.0	205.7	18.7	7.2	17.0	299.4	339.5	15.2	94.2	1.9	20.0
3.4	14.2	943.5	900.0	18.5	17.9	209.4	19.0	9.9	17.2	299.4	339.2	14.5	94.0	3.6	23.0
4.4	17.6	1175.5	875.0	17.0	16.3	213.0	20.8	11.3	17.5	301.4	337.4	13.5	95.0	4.2	25.0
5.3	23.0	1473.3	850.0	16.4	14.6	216.1	18.0	10.6	16.5	303.3	337.0	12.5	95.3	5.3	27.0
6.4	27.0	1778.2	825.0	15.7	11.3	215.8	14.0	8.7	12.0	305.3	333.0	10.3	75.1	6.3	24.0
7.4	24.9	1579.7	800.0	15.0	9.3	221.4	13.3	8.0	10.0	307.2	332.1	9.3	68.0	7.2	30.0
8.5	27.5	1274.9	775.0	14.2	7.1	228.3	11.9	6.6	8.2	309.1	332.4	8.2	62.4	7.9	31.0
9.4	32.0	2515.2	750.0	12.8	4.1	229.9	12.7	9.4	8.5	310.2	330.2	6.9	55.2	8.7	33.0
10.7	32.7	2119.3	725.0	11.0	-2.6	228.0	10.6	6.2	7.1	311.2	329.6	4.4	36.7	9.5	34.0
11.7	15.3	3111.3	700.0	9.4	-18.2	223.3	10.0	6.6	7.5	313.5	319.0	1.9	18.4	10.1	35.0
12.9	14.0	3411.6	675.0	7.3	-14.6	217.8	9.5	5.8	7.5	315.2	319.6	1.9	15.7	10.4	35.0
14.1	43.3	3770.4	650.0	4.3	-9.6	225.1	18.7	7.5	7.5	315.2	325.2	2.9	35.9	11.5	35.0
14.4	43.5	4138.5	625.0	1.7	-7.3	232.7	11.0	8.0	6.7	314.4	325.2	3.0	51.1	12.3	36.0
16.6	44.3	4366.3	600.0	-0.9	-9.5	235.8	12.0	10.8	7.2	315.1	329.0	3.2	53.2	13.1	37.0
17.8	43.1	4705.2	575.0	-2.8	-6.2	237.7	15.3	12.9	8.2	316.7	329.9	4.0	74.2	14.1	39.0
19.1	51.2	5357.1	550.0	-4.1	-9.4	240.4	15.6	13.6	7.7	319.2	329.9	3.4	66.4	15.2	40.0
20.4	54.3	5472.9	525.0	-6.0	-21.2	238.9	17.0	14.3	9.3	321.2	327.4	1.9	41.3	16.4	42.0
21.4	58.3	5403.4	500.0	-8.0	-18.8	235.3	19.9	16.4	11.3	322.2	329.2	2.1	51.3	17.9	43.0
23.5	61.5	6201.2	475.0	-9.5	-25.1	237.0	21.0	16.3	11.9	327.4	331.1	1.1	24.8	20.1	44.0
25.2	64.7	6618.7	450.0	-11.1	-16.9	241.1	27.6	20.7	11.4	329.2	329.4	0.0	1.0	22.1	45.0
26.7	69.0	7054.7	425.0	-14.6	-16.1	244.4	9.4	23.1	11.1	330.2	339.7	2.4	88.2	24.5	47.0
29.3	71.5	7511.9	400.0	-15.7	-19.9	247.7	2	25.2	10.3	334.5	334.7	0.0	1.0	26.7	49.0
30.0	74.9	7968.7	375.0	-17.4	-21.1	250.4	1.2	28.2	7.4	338.2	338.4	0.0	1.0	29.5	51.0
31.9	78.7	8306.7	350.0	-19.2	-24.1	253.4	30.3	29.6	6.9	338.5	338.4	0.0	1.0	32.6	53.0
34.0	82.6	9067.9	325.0	-22.3	-27.4	258.0	29.2	28.6	6.1	339.1	339.1	0.0	1.0	36.0	56.0
36.2	86.0	9619.2	300.0	-21.1	-29.9	258.1	32.9	32.2	6.8	341.2	341.0	0.0	1.0	40.0	59.0
39.6	93.8	10231.1	275.0	-25.4	-26.4	260.4	31.3	30.8	5.2	343.7	343.6	0.0	2.7	43.9	60.0
41.0	95.3	10464.1	250.0	-21.6	-24.9	251.4	30.4	29.1	0.7	344.2	349.9	99.9	99.9	48.7	62.0
43.6	100.0	11591.0	225.0	-26.9	-29.0	241.2	21.0	19.2	13.5	346.4	347.0	99.9	99.9	52.4	63.0
46.7	105.0	12360.7	200.0	-22.0	-26.9	245.8	31.0	28.3	12.7	349.2	349.9	99.9	99.9	57.4	63.0
50.7	110.6	13210.1	175.0	-19.7	-21.9	250.2	29.5	27.0	10.0	351.3	349.9	99.9	99.9	63.3	63.0
53.1	116.5	14156.7	150.0	-16.8	-19.4	261.7	28.2	25.9	3.8	355.0	349.9	99.9	99.9	66.7	64.0
56.0	123.0	15239.5	125.0	-13.4	-16.9	259.6	22.5	22.1	4.1	362.1	349.9	99.9	99.9	73.6	64.0
60.9	130.7	16339.5	100.0	-75.0	-29.0	210.5	12.5	7.0	10.3	382.2	349.9	99.9	99.9	77.9	64.0
66.7	134.7	16239.0	75.0	-67.0	-27.0	99.9	6.2	-5.8	10.2	432.2	349.9	99.9	99.9	14.0	64.0
74.9	151.0	20720.0	50.0	-59.6	-29.9	99.9	9.3	-9.3	1.3	803.0	349.9	99.9	99.9	73.3	65.0
87.7	163.5	25022.4	25.0	-45.2	-29.9	99.9	14.1	-14.1	-0.0	643.2	349.9	99.9	99.9	47.0	65.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 207  
 LONGVIEW, TEXAS

 7 JUNE 1979  
 1405 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES H3	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MR RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	99.9	124.7	995.0	26.1	23.8	180.0	5.1	0.7	5.1	299.7	349.4	19.0	87.0	0.0	0.0
0.7	99.9	99.9	1000.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.5	8.2	303.3	975.0	24.0	22.2	172.2	11.4	2.4	11.1	299.3	348.6	18.0	94.2	0.3	11.0
2.4	10.5	531.2	950.0	22.4	20.7	160.8	13.4	3.9	12.8	299.9	347.2	18.0	98.5	0.9	11.0
3.3	17.8	763.9	925.0	21.0	20.7	209.7	16.3	6.8	14.8	300.2	343.6	16.9	98.4	1.7	17.0
3.5	15.2	1001.7	900.0	19.4	19.0	209.7	17.6	8.3	15.4	301.1	343.0	15.6	97.8	2.7	21.0
4.4	17.6	1245.2	875.0	18.3	17.6	213.9	19.0	10.6	15.8	303.6	343.3	14.7	96.3	3.8	23.0
5.3	20.1	1495.0	850.0	16.4	15.1	223.8	16.2	11.0	11.9	305.4	340.4	12.9	89.5	4.8	27.0
6.3	22.6	1751.3	825.0	17.0	13.7	225.4	15.5	11.2	10.7	306.4	339.8	12.1	81.1	5.7	30.0
7.3	25.1	2014.4	800.0	16.7	9.8	225.4	14.1	10.1	9.9	309.0	338.9	9.6	63.6	6.5	32.0
8.3	27.6	2285.1	775.0	16.0	7.5	233.6	12.0	6.5	7.3	311.1	338.2	8.5	58.9	7.3	33.0
9.4	30.2	2563.1	750.0	14.0	5.9	237.8	11.6	10.0	6.3	311.4	338.1	7.8	55.2	8.0	34.0
10.4	32.9	2848.4	725.0	11.8	3.8	238.3	10.9	9.3	5.8	312.4	338.3	7.0	57.8	8.7	36.0
11.7	35.6	3141.3	700.0	9.9	1.9	239.2	11.7	9.6	6.7	313.2	337.9	6.3	57.5	9.5	39.0
13.0	38.3	3442.6	675.0	7.4	-0.6	229.1	11.4	8.6	7.5	313.5	338.0	5.5	57.1	10.3	40.0
14.2	41.1	3752.5	650.0	5.3	-3.2	221.6	12.7	8.6	9.2	315.0	329.3	4.4	51.5	11.2	41.0
15.4	43.9	4071.8	625.0	2.7	-5.0	221.6	13.4	9.3	9.7	315.2	328.3	4.2	50.7	12.1	41.0
16.6	46.8	4401.6	600.0	0.6	-5.7	223.8	14.3	9.9	10.3	316.2	331.4	4.9	73.1	13.1	41.0
17.8	49.8	4742.1	575.0	-2.0	-6.1	233.1	13.4	9.6	9.3	317.7	330.5	4.2	73.2	14.1	41.0
19.1	52.8	5094.3	550.0	-4.4	-8.7	232.1	14.6	11.8	9.0	318.5	330.0	3.6	71.7	15.2	42.0
20.4	55.8	5461.2	525.0	-6.0	-44.4	245.0	17.5	15.9	7.4	323.4	325.2	0.5	9.1	16.4	43.0
22.0	59.0	5844.1	500.0	-6.9	-20.3	239.0	19.1	16.3	9.8	324.6	325.6	1.5	33.2	15.0	45.0
23.6	62.3	6243.8	475.0	-8.2	-10.5	231.9	18.2	14.7	10.7	327.6	333.6	1.6	40.8	19.8	46.0
25.2	65.6	6682.1	450.0	-10.4	-44.6	240.6	21.5	18.7	10.6	330.3	331.5	0.4	5.2	21.4	47.0
26.7	69.0	7099.9	425.0	-12.0	-57.5	241.1	21.2	18.6	10.3	333.2	338.8	0.0	1.0	23.6	48.0
28.3	72.4	7562.4	400.0	-12.2	-58.3	249.7	23.2	21.6	8.4	337.2	338.0	0.0	1.0	25.5	49.0
30.0	76.1	8050.3	375.0	-17.1	-67.8	259.2	26.8	25.8	7.3	339.2	339.1	0.0	1.0	27.9	51.0
31.8	83.0	8563.6	350.0	-21.4	-67.6	259.9	24.2	24.4	4.3	339.5	339.9	0.0	1.0	30.5	54.0
33.9	83.8	9104.8	325.0	-26.3	-66.7	259.8	27.2	26.7	5.3	340.2	340.5	0.0	1.0	33.5	56.0
36.2	84.0	9679.2	300.0	-29.6	-64.9	269.2	27.5	27.1	4.7	343.7	343.8	0.0	1.0	37.0	59.0
38.4	92.7	10253.6	275.0	-34.9	-72.4	259.4	30.9	30.4	5.7	344.4	348.7	0.0	1.0	40.7	61.0
40.6	97.0	10750.6	250.0	-40.3	-74.9	251.2	27.6	27.3	8.5	346.1	349.9	99.9	95.9	44.4	62.0
42.9	101.8	11059.5	225.0	-46.5	-69.9	243.0	25.0	22.3	11.0	347.3	349.9	99.9	99.9	47.7	62.0
45.6	107.0	12432.7	200.0	-51.8	-69.9	247.7	31.5	29.2	12.0	350.2	349.8	99.9	99.9	52.7	63.0
49.4	112.6	13285.1	175.0	-59.0	-69.9	254.3	25.1	24.2	6.8	352.2	349.9	99.9	99.9	57.1	63.0
51.4	114.8	14255.2	150.0	-63.7	-69.9	264.7	23.9	23.4	2.2	356.5	349.9	99.9	99.9	61.9	64.0
54.8	125.8	15124.6	125.0	-72.1	-69.9	259.8	20.6	19.7	4.1	364.4	349.9	99.9	99.9	65.8	66.0
59.0	131.3	16028.2	100.0	-74.4	-74.9	264.6	9.9	9.8	0.9	384.4	349.9	99.9	99.9	69.4	66.0
64.2	142.3	15333.4	75.0	-66.7	-69.9	159.7	7.3	-3.1	6.6	433.2	349.9	99.9	99.9	70.7	65.0
71.4	152.7	20931.5	50.0	-56.8	-69.9	102.9	10.3	-10.0	2.3	502.2	349.9	99.9	99.9	87.7	64.0
83.2	164.0	25306.4	25.0	-47.6	-69.9	59.9	99.9	99.9	99.9	647.2	349.9	99.9	99.9	99.9	99.9

99 SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

99 TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247  
 LONGVIEW, TEXAS

 7 JUNE 1979  
 1705 GMT

153 44. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	MP RTD GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	6.9	124.0	995.4	29.4	23.3	190.0	6.2	1.1	6.1	303.8	352.1	18.5	70.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	5.8	308.7	975.0	26.9	22.7	192.4	13.4	2.9	13.1	302.3	350.4	18.2	78.0	0.5	9.
2.0	11.2	538.5	950.0	24.9	21.3	190.0	9.7	3.1	9.1	302.4	351.5	18.5	87.1	1.1	13.
3.1	13.5	713.1	925.0	22.7	20.7	190.0	13.5	9.2	12.4	302.4	349.3	17.6	91.7	1.8	16.
4.2	16.0	1012.1	900.0	21.1	19.9	205.1	16.8	7.9	14.8	303.1	347.3	16.6	93.3	2.9	19.
5.2	18.4	1256.8	875.0	20.0	18.5	213.0	16.9	9.2	14.2	304.4	346.4	15.6	91.2	3.9	22.
6.2	23.9	1507.1	850.0	18.3	16.3	214.8	16.8	9.6	13.8	305.2	343.1	13.9	88.3	4.8	27.
7.2	23.4	1763.4	825.0	16.3	15.4	218.2	16.7	10.3	13.1	305.8	342.6	13.5	94.3	5.9	27.
8.4	28.0	2025.4	800.0	14.1	11.9	223.7	13.7	9.8	9.6	308.4	339.0	11.0	75.9	7.0	30.
9.3	29.6	2296.3	775.0	12.2	7.4	230.0	9.7	7.4	6.2	311.2	335.2	8.4	56.0	7.6	31.
10.4	31.2	2574.3	750.0	13.6	6.4	230.7	9.9	8.3	5.5	311.2	334.8	8.1	60.7	8.1	32.
11.5	33.8	2859.4	725.0	11.4	5.9	232.1	11.7	10.4	5.5	312.0	335.2	8.1	65.1	8.7	35.
12.7	36.6	3152.7	700.0	10.7	1.4	238.9	12.8	10.9	6.6	314.4	332.2	6.1	52.5	9.5	37.
14.0	39.3	3455.3	675.0	8.4	-0.4	231.8	14.9	11.7	9.2	315.1	331.2	5.4	52.9	10.5	39.
15.3	41.1	3765.9	650.0	6.3	-2.0	234.5	14.9	12.2	8.7	316.1	331.3	5.1	55.1	11.7	40.
16.4	43.0	4086.0	625.0	3.0	-2.3	236.0	15.1	12.5	8.4	315.5	331.4	5.2	68.2	13.0	42.
18.2	49.0	4315.3	600.0	-0.1	-3.1	232.1	15.2	12.5	9.7	318.0	331.2	5.1	80.2	15.3	43.
19.7	51.0	4756.1	575.0	0.0	-3.5	230.6	15.3	11.0	9.7	320.0	331.7	3.8	56.8	15.7	43.
21.3	54.0	5111.6	550.0	-1.4	-3.9	239.4	15.7	13.5	8.0	322.4	327.9	1.7	27.0	16.8	44.
22.4	57.1	5480.6	525.0	-3.7	-4.3	244.3	16.0	15.1	7.3	323.5	324.2	0.1	1.0	18.2	46.
23.9	60.4	5463.6	500.0	-6.3	-5.9	250.2	18.3	17.2	6.2	325.2	325.5	0.0	1.0	19.5	47.
25.4	63.6	6263.2	475.0	-8.3	-5.2	249.7	21.5	20.2	7.8	327.7	327.9	0.0	1.0	21.2	49.
27.4	67.0	6680.8	450.0	-10.7	-5.7	233.5	20.9	24.1	12.0	329.7	329.8	0.0	1.0	23.2	51.
29.4	70.4	7120.4	425.0	-10.3	-5.4	230.7	21.8	18.7	11.1	335.7	335.9	0.0	1.0	27.0	52.
31.2	74.0	7584.6	400.0	-12.9	-5.1	226.6	23.4	21.4	9.3	338.2	338.4	0.0	1.0	29.5	53.
33.1	77.5	8072.9	375.0	-17.1	-6.8	224.7	22.4	21.8	5.9	338.5	339.8	0.0	1.0	31.9	55.
35.2	81.7	8580.4	350.0	-21.2	-6.3	228.2	22.4	21.9	4.6	340.3	340.8	0.0	1.0	34.3	56.
37.5	85.7	9127.9	325.0	-25.6	-6.3	226.2	27.1	24.6	6.5	341.2	341.6	0.0	1.0	37.8	58.
40.0	90.0	9704.2	300.0	-25.4	-6.6	226.4	24.2	23.8	5.7	343.9	343.0	0.0	1.0	41.6	60.
42.5	94.4	10310.2	275.0	-35.2	-7.3	226.4	25.6	24.9	6.0	344.2	344.3	0.0	1.1	44.6	61.
45.2	99.2	10975.0	250.0	-40.8	-9.4	226.2	26.4	24.2	10.7	345.2	345.9	99.9	999.9	48.3	62.
48.1	104.2	11682.8	225.0	-46.8	-9.9	225.9	23.9	21.8	9.8	346.8	346.9	99.9	999.9	53.0	62.
51.1	109.5	12450.0	200.0	-51.4	-9.9	221.0	29.0	27.4	9.5	351.4	351.9	99.9	999.9	58.2	63.
54.5	115.3	13300.9	175.0	-52.1	-5.9	231.6	24.9	23.6	7.9	354.0	354.9	99.9	999.9	63.5	64.
58.2	121.8	14263.2	150.0	-65.3	-5.9	233.5	22.6	21.7	6.4	357.6	357.9	99.9	999.9	68.9	64.
62.1	128.8	15353.7	125.0	-72.7	-5.9	221.0	14.6	12.8	7.1	363.4	363.9	99.9	999.9	72.8	65.
66.7	136.7	16657.8	100.0	-74.1	-9.9	222.0	11.2	11.1	1.6	384.7	385.9	99.9	999.9	75.3	65.
70.3	145.5	18365.5	75.0	-67.2	-9.9	222.9	8.3	7.4	3.8	412.0	412.9	99.9	999.9	77.6	64.
80.1	155.8	20863.0	50.0	-52.7	-5.9	138.7	14.4	-9.5	10.8	505.3	505.9	95.0	999.9	74.3	62.
99.0	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247  
LONGVIEW, TEXAS  
7 JUNE 1979  
2005 GMT

TIME MIN	CNCT	HEIGHT GPN	PRES IN	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MR RTO CM/KG	RM PCT	RANGE NM	AZ DEG
00	6.5	124.2	994.5	31.1	29.5	210.0	5.1	2.5	4.4	304.7	357.9	19.9	68.0	0.0	0.
01	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
02	4.4	301.9	975.0	24.8	23.5	165.6	12.0	-3.0	11.7	304.2	355.1	19.1	73.1	0.3	3.
03	10.5	531.1	950.0	26.4	22.4	174.3	11.0	-1.1	10.9	304.0	352.7	19.3	78.7	0.7	353.
04	13.2	765.7	925.0	24.0	21.7	185.3	9.9	0.8	8.9	303.8	351.9	18.0	87.3	1.2	356.
05	15.7	1039.7	900.0	22.4	20.7	198.6	7.5	2.4	7.1	304.4	351.3	17.4	90.2	1.6	360.
06	19.2	1244.5	875.0	20.4	19.6	205.4	6.4	3.6	7.6	303.2	350.4	16.6	93.5	2.0	5.
07	23.7	1500.4	850.0	18.7	18.0	212.4	9.9	5.3	8.3	303.4	347.8	15.5	97.4	2.3	8.
08	21.3	1762.7	825.0	17.8	16.5	215.6	11.9	6.9	9.7	307.4	347.2	14.6	92.4	2.8	14.
09	25.9	2025.6	800.0	15.8	15.2	211.3	11.5	6.0	9.9	308.0	345.8	13.7	56.1	3.6	17.
10	24.6	2295.0	775.0	12.8	9.8	214.9	12.5	7.2	10.3	307.4	335.2	9.9	62.2	4.2	23.
11	31.2	2571.1	750.0	12.1	9.9	219.1	10.5	6.6	8.1	309.7	338.7	10.3	67.3	5.0	23.
12	33.2	2855.1	725.0	11.3	5.4	228.3	5.4	7.0	6.3	311.9	334.3	7.9	66.9	5.5	25.
13	36.7	3148.2	700.0	10.4	0.4	235.7	10.4	8.6	5.9	314.0	330.7	5.7	50.2	6.1	27.
14	34.4	3451.5	675.0	8.3	-1.7	240.3	11.4	9.9	5.6	314.5	329.8	5.0	49.3	6.6	30.
15	42.3	3763.9	650.0	6.2	-3.7	241.8	13.3	11.7	6.3	316.0	329.5	4.5	47.1	7.3	36.
16	45.2	4091.3	625.0	4.0	-6.1	241.0	14.6	12.8	7.1	317.0	327.3	3.3	41.1	8.1	36.
17	49.1	4412.3	600.0	2.2	-8.6	244.5	14.7	13.5	5.9	314.4	326.2	3.1	41.4	9.2	34.
18	51.1	4755.1	575.0	0.5	-10.7	252.8	15.6	14.9	4.6	320.4	320.6	0.1	1.0	10.0	43.
19	54.3	5116.3	550.0	-1.1	-10.7	251.9	14.5	15.7	5.1	322.4	323.0	0.1	1.0	11.3	46.
20	57.4	5479.2	525.0	-4.1	-12.5	252.2	16.9	16.1	5.1	323.8	323.7	0.1	1.0	12.6	49.
21	60.7	5841.7	500.0	-6.7	-14.2	255.4	17.0	16.4	4.3	324.5	325.0	0.0	1.0	13.9	51.
22	64.0	6203.6	475.0	-9.3	-15.9	250.8	20.2	19.1	4.6	327.7	327.9	0.0	1.0	15.0	53.
23	67.4	6678.8	450.0	-11.9	-17.6	251.5	23.8	21.3	10.6	330.4	331.0	0.0	1.0	17.3	55.
24	70.9	7120.6	425.0	-14.7	-19.1	241.6	23.0	20.2	10.9	330.4	336.6	0.0	1.0	19.4	56.
25	74.5	7595.0	400.0	-17.5	-20.6	241.4	21.8	16.5	9.7	337.3	337.4	0.0	1.0	21.3	56.
26	78.3	8071.9	375.0	-20.5	-22.9	247.9	21.2	19.6	7.9	338.2	339.4	0.0	1.0	23.3	57.
27	82.2	8544.5	350.0	-24.6	-24.7	253.5	20.5	19.6	5.8	339.7	339.8	0.0	1.0	25.4	58.
28	86.2	9025.2	325.0	-28.6	-27.0	252.0	20.0	19.0	6.2	340.0	340.0	0.0	1.0	27.8	60.
29	90.4	9509.3	300.0	-32.7	-29.0	247.3	20.9	19.3	8.1	343.4	343.6	0.0	1.0	30.5	61.
30	94.5	10112.4	275.0	-36.3	-32.7	243.9	22.4	20.1	9.9	344.1	344.1	0.0	1.0	33.4	61.
31	98.6	10644.7	250.0	-40.5	-34.9	245.0	25.6	22.2	10.8	345.6	349.9	99.9	999.9	36.4	61.
32	102.6	11179.4	225.0	-45.8	-37.9	249.3	23.7	22.0	9.7	348.3	349.9	99.9	999.9	39.9	62.
33	106.8	11754.2	200.0	-51.5	-39.9	247.3	23.3	21.4	9.0	351.3	349.9	99.9	999.9	43.7	62.
34	110.6	12309.3	175.0	-58.0	-39.9	252.6	20.8	19.8	6.2	354.3	349.9	99.9	999.9	47.8	63.
35	114.2	12831.1	150.0	-65.1	-39.9	254.0	15.8	15.2	4.4	358.0	349.9	99.9	999.9	51.1	63.
36	118.3	13352.8	125.0	-72.8	-39.9	244.2	14.0	12.6	6.1	363.1	349.9	99.9	999.9	53.8	64.
37	122.7	13855.3	100.0	-75.2	-39.9	249.3	10.6	9.9	3.8	365.4	349.9	99.9	999.9	57.2	64.
38	126.7	14351.1	75.0	-68.4	-39.9	260.6	8.6	8.5	1.4	420.2	349.9	99.9	999.9	59.3	64.
39	130.5	14831.1	50.0	-57.7	-39.9	106.3	8.2	-8.2	2.4	507.4	349.9	99.9	999.9	59.4	61.
40	134.3	15314.2	25.0	-48.0	-39.9	599.9	99.9	99.9	99.9	847.1	349.9	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 207  
LONGVIEW, TEXAS  
7 JUNE 1979  
2305 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	HT STD CM/KG	RM PCT	RANGE KM	AZ DC
0.0	7.1	124.0	904.5	31.1	25.2	100.0	5.1	0.9	5.0	304.7	300.2	20.8	71.0	0.0	0.
90.9	90.9	99.9	1000.0	95.9	95.9	99.9	95.9	99.9	99.9	59.5	599.9	59.9	999.9	999.9	999.9
0.4	9.0	301.6	575.0	28.6	24.0	182.6	11.2	5.5	11.2	303.5	356.4	19.7	76.4	0.4	15.
1.7	11.3	531.0	550.0	26.3	23.0	179.2	11.6	-0.2	11.6	303.5	356.7	15.0	82.2	1.1	1.
2.7	13.6	768.0	925.0	24.1	22.6	172.9	12.1	2.7	11.8	303.5	356.6	19.0	51.3	1.4	4.
3.7	14.1	1009.0	550.0	21.9	20.7	166.9	13.4	3.9	12.8	304.5	350.4	17.4	43.2	2.6	7.
4.7	14.5	1254.6	875.0	20.9	19.7	160.0	12.3	5.4	11.0	305.5	353.8	16.8	92.8	3.4	10.
5.7	20.9	1505.9	850.0	19.5	17.7	219.7	12.4	7.9	9.5	306.2	347.9	15.2	85.1	4.0	14.
6.6	21.4	1763.2	825.0	17.7	16.1	223.3	11.8	8.1	8.6	307.2	345.9	14.1	50.6	4.6	18.
7.5	25.9	2316.7	803.0	16.6	14.3	222.2	10.0	6.7	7.4	308.6	340.5	12.9	86.3	5.2	21.
8.6	26.5	2297.3	775.0	14.7	12.0	222.5	8.2	5.5	6.0	305.6	341.6	11.5	83.5	5.7	23.
9.5	31.1	2374.5	755.0	12.9	7.7	225.2	7.2	5.1	5.0	310.6	339.2	10.2	81.1	6.2	25.
11.1	33.8	2455.3	725.0	11.1	7.0	231.6	6.5	5.1	4.1	311.7	336.5	8.7	75.6	6.7	27.
12.3	36.4	3152.8	703.0	10.7	3.7	230.0	6.2	6.8	4.6	314.2	335.2	7.2	61.8	7.1	29.
13.5	39.2	3655.1	675.0	8.4	1.6	219.6	10.4	9.0	5.3	315.1	333.9	6.4	82.2	7.7	31.
14.7	42.0	3767.5	650.0	6.7	-2.7	210.8	11.5	10.1	5.0	316.2	331.0	4.8	50.9	8.4	34.
15.9	44.9	4087.6	625.0	4.8	-6.1	239.6	13.0	11.2	6.6	317.5	329.9	3.9	45.3	9.2	36.
16.9	47.5	4420.1	600.0	3.9	-22.4	241.9	13.5	11.9	6.4	320.7	324.2	1.1	12.5	10.0	38.
18.1	50.9	4764.5	575.0	2.2	-29.8	244.3	14.7	13.2	6.4	322.5	324.5	0.6	7.3	10.6	40.
19.4	53.8	5122.0	550.0	0.6	-31.6	245.5	17.7	15.1	7.4	324.6	326.5	0.3	6.7	12.0	43.
20.6	56.9	5453.4	525.0	-2.1	-33.2	248.3	18.3	17.0	6.7	325.5	327.4	0.4	7.1	13.3	45.
21.9	60.2	5779.1	503.0	-4.4	-34.6	248.1	18.5	17.2	6.9	327.4	329.1	0.4	7.3	14.5	47.
23.1	61.4	6280.8	475.0	-7.0	-36.5	249.5	19.7	18.5	6.9	328.6	329.9	0.3	7.7	15.9	49.
24.7	66.7	6598.5	450.0	-10.4	-38.4	248.6	21.3	19.2	9.1	330.2	331.7	0.4	10.7	17.6	51.
26.4	70.1	7138.1	425.0	-11.3	-39.4	241.5	20.6	18.3	9.9	334.5	335.6	0.3	7.7	19.8	52.
27.9	73.9	7400.9	400.0	-14.2	-40.4	244.3	19.7	17.7	8.5	336.2	337.3	0.2	5.6	21.6	53.
29.6	77.5	8297.5	375.0	-17.8	-40.4	245.6	19.5	17.8	8.1	338.1	338.7	0.2	6.1	23.6	54.
31.6	81.3	8588.9	350.0	-22.2	-40.1	248.2	17.4	16.1	6.5	338.6	339.3	0.1	6.6	25.6	55.
33.6	85.3	9138.7	325.0	-26.8	-40.2	245.3	18.2	16.6	7.4	339.3	340.2	0.1	9.9	27.7	56.
35.0	89.5	9712.3	300.0	-30.0	-40.5	239.5	19.0	14.3	9.6	343.1	343.7	0.1	12.8	30.3	57.
38.0	94.0	10325.0	275.0	-35.3	-40.4	244.7	21.2	19.2	9.1	344.1	344.7	0.1	14.4	32.9	57.
40.3	98.7	10982.0	250.0	-40.5	-40.5	245.6	19.9	18.2	8.2	345.5	345.9	0.1	95.9	35.9	58.
42.9	103.6	11690.7	225.0	-46.2	-40.9	245.9	16.3	14.9	6.6	347.7	349.9	0.1	95.9	38.5	58.
46.0	109.0	12463.3	200.0	-51.4	-40.9	243.9	20.9	18.8	4.2	351.4	349.9	0.1	95.9	41.4	59.
49.3	114.8	13317.1	175.0	-56.3	-40.5	255.1	16.7	16.1	4.3	353.4	349.9	0.1	95.9	45.6	59.
52.4	121.0	14269.7	150.0	-61.3	-40.9	257.6	13.0	13.5	3.8	357.7	349.9	0.1	95.9	48.6	61.
56.7	129.0	15354.5	125.0	-74.0	-40.9	254.8	12.7	12.3	3.4	361.6	349.9	0.1	95.9	51.6	62.
61.0	136.0	16564.0	100.0	-73.3	-40.9	249.8	8.9	8.1	-3.6	386.5	349.9	0.1	95.9	54.6	62.
66.5	145.3	19159.4	75.0	-68.4	-40.9	122.0	6.3	-5.3	3.3	429.5	349.9	0.1	95.9	54.1	62.
74.6	156.6	20861.5	50.0	-58.3	-40.9	92.3	15.5	-19.5	-0.9	506.5	349.9	0.1	95.9	52.8	62.
86.1	167.5	25367.3	25.0	-45.4	-40.9	88.2	13.7	-13.6	-0.9	642.5	349.9	0.1	95.9	45.5	55.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 207  
LONGVIEW, TEXAS  
8 JUNE 1970  
205 GMT

TIME MIN	CHCT	WEIGHT GPM	PRES MM	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WZ ATD CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	7.2	124.0	995.5	27.2	23.4	180.0	3.1	-1.1	2.9	300.7	309.7	18.6	80.0	0.0	0.0
0.9	9.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	9.1	302.9	975.0	26.7	22.5	173.8	12.3	-1.3	12.3	302.6	359.4	17.9	77.0	0.4	360
1.6	11.5	939.0	950.0	25.2	21.9	178.1	13.3	-0.5	13.3	302.6	350.0	17.7	81.0	1.1	352
2.5	11.9	773.6	925.0	23.0	22.9	185.6	14.4	1.5	14.7	302.6	248.3	17.1	88.0	1.9	350
3.4	16.2	1012.8	930.0	21.5	15.4	197.4	14.3	4.3	13.7	303.7	344.0	15.0	82.3	2.7	0
4.4	19.7	1257.6	875.0	20.4	10.5	210.2	13.2	6.6	11.4	305.0	342.0	13.6	78.3	3.4	6
5.3	21.1	1508.5	855.0	19.6	10.8	209.3	11.9	5.8	10.4	306.7	241.3	12.6	74.0	4.1	11
6.1	21.6	1765.6	825.0	17.9	14.5	208.5	5.7	4.6	8.5	307.5	242.6	12.8	60.0	4.7	13
7.4	24.1	2125.2	800.0	16.9	10.1	208.5	7.4	3.6	6.6	309.1	230.4	11.2	73.6	5.2	15
8.5	28.7	2497.8	775.0	15.4	10.2	202.8	7.2	2.8	6.6	310.4	239.0	10.1	70.9	5.7	15
9.4	31.1	2577.6	750.0	13.5	9.0	204.6	5.7	2.7	5.0	311.2	336.9	9.0	69.2	6.1	16
10.5	38.0	2862.7	725.0	11.9	9.0	215.6	6.8	3.9	5.5	312.5	334.4	7.6	62.7	6.4	17
11.5	38.7	3156.3	700.0	10.3	7.3	226.3	8.5	6.2	5.9	313.5	332.9	6.5	57.4	6.8	19
12.5	37.4	3454.2	675.0	8.2	-1.1	233.2	9.4	7.8	5.9	314.6	330.5	5.3	52.0	7.3	21
13.8	42.2	3749.0	650.0	6.4	-8.8	231.9	11.3	8.9	7.0	316.2	327.0	3.5	38.0	8.0	24
14.9	45.0	4049.5	625.0	4.6	-10.5	231.2	11.8	9.2	7.4	317.7	326.2	2.7	32.3	8.7	26
16.2	47.9	4421.0	600.0	3.5	-20.6	230.2	12.5	10.8	6.2	320.2	322.5	0.7	8.2	9.5	29
17.4	53.9	4745.8	575.0	2.9	-28.8	227.7	12.9	12.3	3.8	323.4	323.5	0.6	7.4	10.3	32
19.4	58.0	5123.5	550.0	0.8	-34.8	224.4	13.6	13.3	3.7	325.0	326.3	0.4	4.9	11.1	36
20.0	57.0	5495.3	525.0	-1.6	-36.0	227.9	14.0	13.7	2.9	326.5	327.7	0.3	5.2	12.0	39
21.5	63.3	5841.2	500.0	-5.0	-37.7	221.5	14.3	14.1	2.1	328.5	328.0	0.3	5.6	12.9	42
23.1	63.6	6292.1	475.0	-7.3	-34.9	228.4	17.4	17.1	3.5	328.5	329.9	0.3	5.9	14.1	47
24.7	65.9	6702.3	450.0	-8.9	-32.8	226.9	19.0	17.5	7.5	332.1	333.1	0.3	6.0	15.8	50
26.4	73.4	7142.8	425.0	-11.6	-33.4	220.9	18.5	16.1	9.0	334.1	335.2	0.3	8.0	17.5	51
27.9	78.0	7604.3	400.0	-15.1	-29.1	237.1	17.5	14.7	9.5	335.4	339.3	1.1	38.3	19.2	52
29.7	77.7	8049.4	375.0	-18.5	-25.4	237.2	15.1	12.7	8.2	337.2	339.2	0.6	24.1	20.9	52
31.5	81.5	8400.1	350.0	-22.4	-47.3	229.6	13.8	10.5	9.0	338.5	339.1	0.1	8.2	22.4	52
33.5	85.5	9119.2	325.0	-27.1	-36.2	229.1	14.7	11.1	9.6	339.2	341.2	0.5	41.9	24.2	52
35.8	89.7	9710.8	300.0	-31.3	-33.1	227.2	14.0	10.3	9.5	341.3	343.0	0.5	50.6	26.1	52
38.3	94.0	10321.7	275.0	-34.6	-45.0	235.2	13.8	11.3	7.9	343.7	345.6	0.2	37.2	28.1	51
40.8	98.6	10978.4	250.0	-40.8	99.9	241.6	13.6	12.0	6.5	345.4	999.9	99.9	99.9	30.2	52
43.4	103.4	11666.9	225.0	-46.4	99.9	235.8	16.7	13.8	9.4	347.5	999.9	99.9	99.9	32.5	51
46.3	108.6	12452.3	200.0	-52.0	99.9	231.7	19.4	15.2	12.0	349.9	999.9	99.9	99.9	35.6	53
49.3	114.5	13306.8	175.0	-57.7	99.9	237.1	15.9	13.3	8.6	353.0	999.9	99.9	99.9	39.0	53
52.8	123.4	14257.9	150.0	-65.9	99.9	238.1	11.5	6.7	6.1	356.6	999.9	99.9	99.9	41.6	53
56.4	127.8	15142.7	125.0	-73.1	99.9	222.7	9.1	8.6	2.7	362.7	999.9	99.9	99.9	44.1	53
60.6	114.7	16447.1	100.0	-75.0	99.9	216.8	3.2	1.9	2.7	362.5	999.9	99.9	99.9	45.1	54
66.1	148.7	18325.8	75.0	-76.5	99.9	210.6	5.9	-4.5	3.0	425.1	999.9	99.9	99.9	45.5	54
73.8	154.0	20402.9	50.0	-80.5	99.9	199.4	10.4	-10.4	-8.1	501.0	999.9	99.9	99.9	47.1	54
86.4	165.7	25262.9	25.0	-93.2	99.9	75.8	17.8	-15.4	-3.9	632.0	999.9	99.9	99.9	36.3	41

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 247  
 LONGVIEW, TEXAS

 6 JUNE 1979  
 505 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MM	TEMP DEG C	DPH PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG F	E POT T DEG K	MR STD G/KG	RH PCT	RANGE KM	AZ DEG
0.2	7.1	124.0	997.3	25.0	22.7	167.0	5.1	-1.7	4.0	298.4	344.6	17.7	87.0	0.0	0.0
0.9	9.0	99.9	1030.0	25.0	22.7	167.0	5.1	99.9	99.9	298.4	344.6	99.9	99.9	99.9	99.9
0.7	9.2	123.2	975.0	23.0	21.7	175.3	12.2	-0.2	12.2	299.1	343.8	17.1	86.2	0.4	35.0
1.6	11.5	550.9	925.0	27.3	20.6	189.2	16.4	1.2	16.4	299.6	342.9	16.4	90.3	1.3	0.0
2.6	13.9	753.5	925.0	27.7	19.2	191.2	16.0	3.1	15.7	301.2	339.9	16.4	80.7	2.2	3.0
3.5	16.4	1027.4	875.0	27.7	13.9	203.4	15.3	5.4	14.3	305.0	335.6	11.2	57.5	3.1	7.0
4.5	19.9	1267.7	875.0	21.5	14.6	207.9	14.5	6.5	13.4	306.1	339.3	12.1	64.9	4.0	11.0
5.5	21.3	1518.9	850.0	19.8	13.0	211.0	13.2	7.2	11.0	306.5	337.8	11.2	65.2	4.8	16.0
6.5	21.3	1775.7	825.0	17.8	11.9	208.6	11.1	5.3	9.7	307.1	337.1	10.7	68.0	5.1	17.0
7.4	21.4	2235.1	820.0	16.5	12.3	156.2	8.8	2.9	8.3	308.1	340.3	11.4	76.5	6.1	17.0
8.6	21.0	2130.6	775.0	15.1	9.7	191.6	8.0	1.9	7.0	310.1	337.7	5.8	70.0	6.6	17.0
9.6	21.0	2127.4	750.0	15.5	7.0	193.1	7.0	1.6	6.8	311.2	335.2	6.4	64.6	7.1	17.0
10.7	18.3	2122.7	750.0	12.0	4.3	201.4	9.4	3.2	6.3	312.6	333.5	7.2	54.1	7.5	17.0
11.6	37.0	3166.0	700.0	10.3	-0.3	221.4	9.4	6.2	7.1	313.5	327.7	5.4	47.6	8.0	15.0
12.0	39.9	3869.4	675.0	9.2	-5.6	224.9	11.3	8.0	8.0	315.5	327.1	1.8	34.8	8.6	2.0
13.0	47.6	3774.9	650.0	7.8	-12.6	231.0	12.4	9.6	7.8	316.7	325.6	2.9	30.2	9.4	22.0
14.3	45.4	4100.3	620.0	4.1	-12.6	231.0	12.4	9.6	7.8	317.2	324.6	2.4	28.6	10.2	2.0
15.3	45.4	4431.6	600.0	3.1	-27.5	231.0	12.4	10.6	6.9	319.7	322.2	0.7	9.3	11.0	30.0
16.5	51.4	4775.3	575.0	1.9	-39.2	240.7	11.8	10.8	4.6	322.3	323.1	0.2	3.2	11.8	30.0
17.9	51.4	5112.6	550.0	0.9	-48.9	251.6	11.5	11.0	3.6	325.2	325.6	0.1	1.5	12.5	32.0
19.1	51.4	5336.7	525.0	-1.5	-45.8	253.4	12.6	11.6	4.2	326.4	327.1	0.1	1.8	13.2	35.0
20.6	57.6	5536.7	500.0	-4.6	-40.4	258.1	12.5	12.3	2.6	327.4	327.9	0.1	2.2	14.0	37.0
21.6	62.6	5792.2	475.0	-6.9	-40.4	258.1	12.5	13.3	3.6	329.4	330.3	0.2	5.0	14.8	40.0
23.1	62.6	6192.2	450.0	-9.9	-47.3	248.3	15.5	14.4	5.7	330.4	331.3	0.1	2.9	16.1	43.0
24.7	67.3	6710.1	425.0	-11.7	-47.9	248.9	14.0	13.1	4.8	333.9	334.4	0.1	3.1	17.5	45.0
26.5	70.7	7150.4	400.0	-14.5	-37.9	245.7	13.7	12.4	5.6	336.2	338.8	0.7	23.3	14.7	47.0
28.4	74.3	7612.9	375.0	-18.1	-34.8	232.3	13.7	11.6	9.0	337.2	339.6	0.5	21.4	21.1	46.0
29.9	71.0	8308.6	350.0	-22.0	-35.9	219.7	16.7	10.7	12.9	339.1	341.0	0.5	26.9	21.9	47.0
31.7	81.9	9010.4	325.0	-26.0	-34.2	215.1	14.8	8.6	12.0	340.5	342.5	0.4	30.4	21.7	47.0
33.6	85.9	9151.5	300.0	-30.4	-45.8	210.8	12.8	6.5	11.0	342.4	343.9	0.2	20.3	25.3	46.0
35.6	93.0	9255.6	275.0	-35.3	-47.7	216.3	13.6	8.1	11.0	344.1	344.9	0.2	26.4	26.9	45.0
37.4	94.5	10337.9	250.0	-40.9	-57.9	218.2	13.0	8.6	11.0	345.3	345.9	55.9	55.9	29.8	44.0
40.1	99.2	10994.3	225.0	-46.7	93.9	221.3	17.1	11.3	15.5	347.6	349.9	99.9	99.9	31.1	44.0
42.7	104.2	11701.9	200.0	-52.6	59.9	221.9	21.5	14.9	15.5	348.0	349.9	99.9	99.9	37.7	44.0
45.6	109.5	12473.0	175.0	-58.3	59.9	231.4	14.5	11.3	7.8	350.0	349.9	99.9	99.9	39.7	44.0
49.3	115.3	13123.2	150.0	-66.2	93.9	210.6	9.7	5.8	7.8	350.0	349.9	55.9	55.9	41.7	44.0
51.4	121.5	14375.4	125.0	-72.9	93.9	222.8	6.7	4.6	4.9	361.5	349.9	55.9	55.9	42.6	43.0
55.0	129.5	15350.4	100.0	-75.8	99.9	194.7	5.6	0.5	5.6	381.2	349.9	55.9	55.9	44.0	42.0
59.1	134.5	16622.6	75.0	-70.3	59.9	133.1	6.7	-4.9	4.6	425.2	349.9	55.9	55.9	47.1	38.0
64.7	145.7	19741.5	50.0	-56.6	59.9	86.6	10.4	-10.3	-0.6	503.4	349.9	55.9	55.9	47.1	38.0
72.2	150.0	20832.0	25.0	-49.2	59.9	78.4	15.3	-15.0	-3.1	643.2	349.9	55.9	55.9	36.9	20.0
85.1	167.0	25248.5	25.0	-49.2	59.9	78.4	15.3	-15.0	-3.1	643.2	349.9	55.9	55.9	36.9	20.0

0 MV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 MV TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247  
 LONGVIEW, TEXAS

 8 JUNE 1979  
 805 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEN DT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MR WTC CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	7.0	124.0	997.3	23.8	22.3	180.0	5.1	0.0	8.1	297.3	342.3	17.3	91.0	0.0	0.0
00.9	9.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	0.0	322.7	575.0	21.3	22.1	187.0	16.0	2.0	16.5	298.2	344.2	17.6	92.7	0.3	2.0
1.6	11.3	549.7	950.0	21.1	20.0	191.3	15.4	3.0	15.1	298.6	340.0	15.7	93.3	1.2	7.0
2.7	13.6	781.4	525.0	22.9	6.0	194.1	15.8	3.8	15.3	302.7	322.1	7.0	96.5	2.2	10.0
3.6	16.0	1020.2	900.0	24.0	-11.0	197.5	14.7	4.4	14.0	306.7	311.8	1.8	98.0	3.0	11.0
4.4	18.4	1265.7	875.0	22.4	2.8	196.6	14.2	4.8	13.4	307.1	322.9	9.4	27.5	3.0	13.0
5.4	21.8	1516.9	850.0	20.4	9.9	202.0	12.5	4.7	11.6	307.6	332.9	9.1	90.8	4.5	14.0
6.5	25.2	1774.2	825.0	18.5	10.4	208.8	11.6	5.6	10.1	308.7	335.3	5.7	95.3	5.3	16.0
7.6	28.7	2037.8	800.0	17.0	8.1	213.9	10.5	5.8	8.7	309.3	333.3	8.5	95.7	6.0	18.0
8.7	32.2	2304.3	775.0	15.2	6.5	209.7	10.1	5.0	8.7	310.8	337.6	7.9	90.2	6.6	19.0
9.9	35.3	2565.6	750.0	13.2	9.0	205.7	10.2	4.4	9.2	310.5	338.3	9.7	75.6	7.3	20.0
11.1	38.4	2870.7	725.0	12.2	1.3	197.6	9.8	2.9	9.3	312.8	330.0	5.8	47.2	8.1	20.0
12.2	36.0	3144.2	700.0	10.7	-1.1	195.1	9.3	2.4	9.0	314.4	329.4	5.0	43.6	8.7	20.0
13.4	34.7	3466.2	675.0	8.4	-4.3	207.5	9.9	4.6	8.8	315.1	327.4	4.1	40.3	9.4	20.0
14.6	41.4	3777.1	650.0	6.5	-11.4	216.6	9.9	5.9	8.0	316.4	324.1	2.5	26.4	10.1	21.0
15.9	48.2	4097.4	625.0	4.0	-10.5	223.7	11.7	8.1	8.4	317.0	322.2	1.7	21.0	10.8	22.0
17.2	47.1	4428.5	600.0	2.6	-10.7	233.5	11.6	9.3	6.9	320.2	320.6	0.1	1.2	11.7	24.0
18.4	53.0	4772.0	575.0	1.0	-49.3	242.9	9.0	8.0	4.1	321.2	321.9	0.1	1.0	12.4	26.0
19.9	53.0	5128.4	550.0	-0.1	-50.0	246.6	8.8	8.1	3.5	323.5	324.2	0.1	1.0	12.9	28.0
21.3	56.0	5500.3	525.0	-1.1	-50.4	247.3	9.6	8.8	3.7	327.1	327.4	0.1	1.0	13.5	30.0
22.9	53.1	5887.2	500.0	-4.0	-52.5	247.0	9.7	8.9	3.8	328.1	328.4	0.1	1.0	14.3	32.0
24.3	62.3	6289.4	475.0	-6.5	-54.1	245.2	11.1	10.0	4.6	329.5	330.1	0.0	1.0	15.0	34.0
25.9	61.6	6710.0	450.0	-5.3	-36.0	244.5	12.8	11.8	5.5	331.4	334.7	0.9	22.0	16.0	36.0
27.5	59.0	7148.4	425.0	-11.8	-37.1	239.2	13.4	11.9	6.8	333.6	335.0	0.5	15.1	17.2	38.0
29.1	72.4	7610.5	400.0	-15.6	-50.6	236.1	14.9	12.7	7.6	334.6	335.0	0.0	1.5	18.4	40.0
30.9	76.1	8093.4	375.0	-19.7	-67.5	236.6	17.2	13.3	9.5	335.7	335.0	0.0	1.8	20.1	41.0
32.9	79.9	8601.6	350.0	-23.5	-41.9	227.6	16.1	11.9	10.8	337.6	337.4	0.1	5.5	22.1	42.0
34.7	81.6	9119.9	325.0	-27.0	-43.2	213.4	15.7	8.7	13.1	339.6	340.5	0.3	19.6	24.0	42.0
37.2	88.0	9711.8	300.0	-31.5	-44.2	213.8	15.9	6.8	13.2	341.8	341.9	0.2	27.0	26.1	41.0
39.4	92.3	10323.4	275.0	-35.9	-55.0	215.4	15.1	6.7	12.3	343.1	343.6	0.1	11.9	28.1	41.0
41.9	96.8	10978.2	250.0	-41.4	-59.9	217.9	15.1	9.2	11.9	344.6	344.6	99.9	99.9	30.2	41.0
44.8	101.9	11665.7	225.0	-46.5	-69.9	225.4	17.6	12.6	12.4	347.2	347.2	99.9	99.9	33.1	41.0
47.7	107.0	12353.5	200.0	-52.9	-99.9	228.5	16.3	12.2	10.8	348.5	348.5	99.9	99.9	36.1	41.0
50.9	112.9	13105.3	175.0	-58.8	-99.9	227.4	13.7	10.1	9.3	352.8	352.8	99.9	99.9	38.9	42.0
54.3	119.0	14255.6	150.0	-66.5	-99.9	220.5	10.6	3.7	9.0	355.5	355.5	99.9	99.9	41.1	42.0
57.9	126.3	15339.2	125.0	-73.8	-99.9	197.3	10.7	3.2	10.2	361.3	361.3	99.9	99.9	43.2	40.0
62.1	136.0	16429.6	100.0	-77.8	-99.9	171.4	4.5	-0.7	4.4	377.4	377.4	99.9	99.9	44.8	39.0
68.2	147.7	18723.2	75.0	-67.2	-99.9	113.3	5.5	-0.8	2.2	432.1	432.1	99.9	99.9	45.4	37.0
73.7	154.5	20402.5	50.0	-60.9	-99.9	89.6	11.6	-11.6	-0.1	508.1	508.1	99.9	99.9	43.4	36.0
88.3	165.5	25248.7	25.0	-51.2	-99.9	90.3	13.5	-13.5	-0.1	637.6	637.6	99.9	99.9	38.8	22.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG

\* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247  
LONGVIEW, TEXAS

8 JUNE 1979  
1105 GMT

152 29. 0

TIME MIN	CNCTF	HEIGHT GPM	PRES MR	TEMP DC C	DEW PT DC C	DIR DG	SPEED M/SEC	U/COMP M/SEC	V/COMP M/SEC	POT T OG R	E POT T CG K	MR RTO G/SEC	RM PCT	RANGE KM	AZ DG
0.0	9.0	124.0	948.5	22.8	21.3	180.0	2.6	0.0	2.6	296.1	338.0	16.2	91.0	3.0	0.
9.0	9.0	92.0	1022.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	4.2	332.6	995.0	22.5	21.4	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	0.5	9.
1.7	13.5	549.6	995.0	22.5	21.4	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	1.2	14.
2.7	17.9	790.9	995.0	22.5	21.4	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	1.9	17.
3.6	13.4	1370.0	995.0	22.6	21.4	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	2.7	19.
4.6	17.9	1371.5	995.0	22.6	21.4	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	3.4	18.
5.6	23.2	1524.6	995.0	21.7	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	4.1	14.
6.6	21.7	1742.0	995.0	15.9	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	4.7	19.
7.6	25.3	2265.4	995.0	18.0	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	5.3	17.
8.7	27.9	2316.1	995.0	15.7	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	5.9	20.
9.6	33.5	2563.1	995.0	12.9	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	6.5	22.
10.6	33.5	2477.4	995.0	11.2	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	7.2	23.
11.6	35.9	3170.0	995.0	5.4	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	7.9	24.
12.3	35.6	3470.7	995.0	5.7	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	8.6	25.
13.2	41.4	3740.2	995.0	6.1	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	9.3	26.
14.2	41.4	4100.0	995.0	3.9	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	10.0	26.
15.4	44.3	4430.4	995.0	2.0	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	10.7	27.
16.7	47.2	4830.4	995.0	1.2	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	11.3	29.
17.4	53.2	4722.7	995.0	0.1	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	11.9	30.
18.7	51.3	5129.6	995.0	0.1	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	12.5	31.
20.6	56.4	5500.7	995.0	-1.9	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	13.2	32.
22.3	53.5	5140.7	995.0	-4.2	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	13.8	33.
23.4	62.3	6288.3	995.0	-7.7	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	14.9	34.
24.3	66.1	6714.4	995.0	-10.8	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	15.9	35.
26.5	62.7	7143.9	995.0	-13.6	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	16.3	35.
28.1	71.1	7632.1	995.0	-16.6	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	17.2	36.
29.4	77.0	8333.3	995.0	-20.4	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	18.7	37.
31.5	80.7	8570.9	995.0	-23.6	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	20.3	38.
33.5	94.7	9128.5	995.0	-26.8	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	22.0	37.
35.5	91.8	9700.2	995.0	-31.1	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	24.0	36.
38.0	93.3	10312.5	995.0	-36.3	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	26.3	35.
40.3	97.8	10945.3	995.0	-40.6	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	28.0	35.
43.1	102.8	11674.9	995.0	-46.3	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	31.1	36.
45.9	108.0	12446.3	995.0	-52.0	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	33.6	37.
49.2	113.9	13297.0	995.0	-59.5	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	36.1	39.
52.9	120.0	14266.1	995.0	-66.7	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	39.0	39.
56.7	126.8	15170.2	995.0	-72.9	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	41.5	36.
61.2	134.1	16248.6	995.0	-78.0	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	42.1	36.
67.2	143.0	18112.8	995.0	-86.3	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	42.8	33.
75.1	153.0	20406.1	995.0	-90.3	21.3	150.3	15.2	3.5	12.0	297.6	341.4	16.7	93.1	40.6	28.
99.3	93.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 225  
VICTORIA, TEXAS7 JUNE 1979  
1105 GMT

160 140 0

TIME MIN	CNTCT	HEIGHT CM	WIND MB	TEMP DEG C	DIR DEG C	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG	S POT 1 DEG	WIND CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	0.0	33.0	1002.6	26.0	25.1	170.0	5.1	5.0	280.6	352.3	20.5	95.0	0.0	0.0
0.1	0.2	56.2	1030.0	26.0	25.4	172.5	6.6	6.6	299.2	353.6	20.9	96.2	0.1	359.
0.2	10.5	280.7	975.0	25.3	25.3	181.5	0.4	13.3	300.7	356.7	21.4	100.0	0.5	359.
1.6	12.8	510.2	550.0	24.1	24.1	185.1	1.3	15.0	301.7	355.3	20.3	99.8	1.2	1.
2.4	14.1	744.5	975.0	22.8	22.6	188.7	13.6	2.1	302.7	353.3	17.9	98.9	2.0	4.
3.5	17.5	984.2	900.0	21.4	21.2	191.9	2.9	13.6	303.6	351.4	17.9	98.3	2.8	5.
4.5	19.9	1229.1	875.0	20.1	19.7	192.9	15.2	3.4	305.6	349.7	16.7	97.6	3.6	7.
5.4	22.3	1490.3	850.0	19.3	19.4	196.0	14.1	3.9	308.4	349.7	16.0	94.6	4.5	8.
6.4	24.8	1737.5	825.0	17.6	16.7	197.4	4.4	4.4	307.2	347.3	15.7	94.0	5.3	10.
7.4	27.2	2001.2	800.0	16.4	14.4	195.4	4.0	14.7	308.7	344.6	13.0	87.8	6.2	11.
8.4	29.9	2272.0	775.0	15.5	13.2	193.5	4.5	13.9	310.8	339.1	13.2	70.4	7.1	11.
9.4	32.3	2550.5	750.0	14.6	9.0	196.6	4.3	14.5	312.2	339.7	9.7	70.0	8.0	12.
10.4	35.0	2931.7	725.0	12.5	9.4	197.9	11.0	10.5	313.3	340.6	9.6	75.0	8.8	12.
11.4	37.6	3132.3	700.0	13.4	1.3	214.0	5.6	4.8	317.2	332.7	5.1	37.3	9.3	13.
12.6	40.2	3437.3	675.0	11.1	-0.7	244.2	5.3	2.3	318.1	334.4	5.4	44.1	9.5	14.
13.7	43.3	3750.9	650.0	8.2	-3.0	246.9	7.5	2.9	318.3	335.9	5.9	55.8	9.8	16.
14.0	45.6	4073.7	625.0	5.5	-2.5	248.0	7.9	7.4	318.7	334.2	5.1	56.3	10.2	19.
16.2	49.6	4406.1	600.0	2.6	-4.2	249.8	6.9	2.5	319.1	333.4	6.7	60.6	10.6	21.
17.6	51.4	4749.0	575.0	0.0	-7.9	241.9	6.5	3.1	320.0	331.4	3.7	55.0	11.0	23.
19.0	54.4	5108.0	550.0	-1.0	-9.4	251.7	5.6	1.8	321.6	332.6	3.4	55.9	11.3	24.
20.3	57.5	5473.4	525.0	-2.2	-11.5	263.3	7.6	0.9	324.4	334.2	3.0	52.5	11.6	27.
21.6	60.6	5850.5	500.0	-4.8	-16.9	259.2	10.0	1.9	327.2	333.9	2.0	38.0	12.1	29.
23.1	63.9	6260.8	475.0	-6.8	-42.6	257.6	11.8	11.6	329.8	330.4	0.2	4.6	12.7	33.
24.7	67.1	6650.9	450.0	-9.0	-52.0	250.9	12.6	4.1	331.6	332.5	0.2	3.8	13.6	36.
26.4	70.2	7121.3	425.0	-10.9	-28.7	244.4	14.5	13.1	335.0	338.1	0.9	23.2	14.8	39.
28.1	74.0	7585.9	400.0	-12.5	-57.8	240.2	14.5	12.6	338.6	336.9	0.0	1.0	16.2	41.
29.7	77.6	8075.5	375.0	-16.1	-60.1	239.9	14.7	7.4	340.4	340.3	0.0	1.0	17.5	42.
31.5	81.3	8590.6	350.0	-20.8	-63.0	236.8	15.0	8.2	341.1	341.2	0.0	1.0	19.1	44.
33.4	85.2	9133.3	325.0	-25.4	-50.4	241.9	15.3	7.2	341.7	342.2	0.1	8.1	20.8	45.
35.2	89.2	9705.8	300.0	-29.1	-50.7	245.8	14.2	12.9	343.4	344.8	0.1	10.3	22.3	46.
37.1	93.5	10324.9	275.0	-34.7	-44.1	237.2	13.9	11.7	345.6	345.7	0.2	25.4	23.6	47.
39.2	98.0	10981.9	250.0	-40.3	59.9	233.4	15.7	9.3	348.2	349.9	99.9	99.9	25.6	48.
41.6	102.8	11692.1	225.0	-45.6	99.9	232.6	17.2	10.4	348.7	349.9	99.9	99.9	28.0	48.
44.4	108.0	12465.9	200.0	-51.8	99.9	225.2	16.8	11.9	350.7	349.9	99.9	99.9	33.7	48.
47.0	113.5	13320.3	175.0	-57.8	99.9	232.4	17.4	10.6	350.7	349.9	99.9	99.9	33.6	48.
49.9	119.5	14277.6	150.0	-64.9	99.9	227.4	12.6	9.3	355.4	349.9	99.9	99.9	34.2	49.
51.0	124.3	14366.4	125.0	-72.3	99.9	261.0	7.9	2.7	364.1	349.9	99.9	99.9	38.1	49.
56.8	134.0	16862.7	100.0	-74.6	99.9	228.5	6.5	4.7	384.6	349.9	99.9	99.9	39.4	50.
61.4	142.7	18353.9	75.0	-70.7	99.9	126.8	6.4	3.8	426.2	349.9	99.9	99.9	40.4	48.
69.2	151.7	20918.3	50.0	-60.4	99.9	103.1	10.8	-10.6	501.2	349.9	99.9	99.9	38.0	46.
80.5	165.5	25315.9	25.0	-47.7	99.9	101.9	17.7	-17.3	647.7	349.9	99.9	99.9	33.2	31.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 283  
VICTORIA, TEXAS7 JUNE 1979  
1405 GMT

TIME MIN	CMTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG K	E POT 1 DEG K	HR MTD CM/SEC	RM PCT	RANGE KM	AZ DEG
0.0	0.0	33.0	1004.0	27.6	25.2	170.0	0.2	-1.1	0.1	300.3	354.3	20.6	87.0	0.0	0.0
0.2	7.3	76.7	1000.0	27.3	25.7	177.5	0.5	-0.4	0.5	300.4	356.1	21.3	91.0	0.2	355.
1.0	9.5	301.4	975.0	25.3	24.6	174.8	9.5	-0.9	9.5	300.6	356.2	20.4	96.1	0.5	356.
2.0	11.0	570.5	950.0	23.7	23.4	176.1	11.5	-0.4	11.5	301.1	352.4	19.4	96.4	1.1	354.
2.8	14.3	764.3	925.0	21.9	21.6	181.0	15.2	1.5	12.1	301.7	349.0	17.9	98.1	1.7	350.
3.7	16.6	1003.2	900.0	20.0	20.6	191.3	13.4	2.6	13.2	303.1	349.2	17.3	98.0	2.3	1.
4.5	19.1	1247.9	875.0	20.5	20.6	194.4	13.8	3.4	13.4	305.0	345.6	15.1	85.9	3.1	4.
5.5	21.6	1499.1	850.0	19.6	19.5	195.9	12.8	3.5	12.3	306.7	343.0	14.0	82.0	3.8	6.
6.4	24.1	1756.4	825.0	18.1	15.0	201.4	13.4	5.0	12.7	307.7	343.7	13.1	82.0	4.6	8.
7.4	26.6	2020.2	800.0	16.4	14.1	207.2	13.9	6.4	12.4	308.7	344.0	12.0	86.0	5.3	11.
8.4	29.2	2290.7	775.0	14.9	11.8	209.6	13.3	6.6	11.6	309.5	341.4	11.3	81.8	6.1	13.
9.4	31.9	2508.7	750.0	14.0	9.7	212.8	11.9	4.5	10.0	311.8	340.4	10.1	75.3	6.8	15.
10.5	34.6	2855.4	725.0	13.8	5.6	214.2	6.9	5.4	7.1	314.7	337.7	7.9	57.7	7.5	17.
11.5	37.1	3151.5	700.0	13.8	-1.9	216.1	7.1	4.0	5.9	317.6	332.2	4.0	33.6	7.9	18.
12.4	39.8	3456.7	675.0	11.1	-2.1	221.5	6.0	4.0	4.5	318.1	332.9	4.9	39.6	8.3	19.
13.8	42.6	3770.1	650.0	7.9	-2.3	231.0	7.2	5.7	4.5	317.5	332.9	5.0	48.3	8.7	20.
14.9	45.3	4092.3	625.0	5.3	-3.1	229.1	8.2	6.2	5.4	318.2	332.2	4.9	54.0	9.2	22.
16.1	48.3	4474.4	600.0	2.6	-5.9	225.2	7.6	5.4	5.4	318.1	331.7	4.1	53.4	9.7	23.
17.3	51.2	4767.9	575.0	0.8	-7.6	242.1	7.0	6.7	5.5	321.6	332.7	3.8	43.3	10.2	25.
18.6	54.2	5124.6	550.0	-0.4	-12.7	251.4	8.5	8.0	2.7	323.4	332.0	2.6	38.0	10.6	27.
19.0	57.3	5455.1	525.0	-2.4	-15.8	240.3	9.0	8.5	4.0	325.2	332.2	2.1	35.6	11.2	29.
21.3	60.4	5450.4	500.0	-4.5	-14.5	233.1	9.6	7.7	5.0	327.4	335.7	2.5	45.6	11.9	31.
22.0	63.6	6283.7	475.0	-6.5	-19.5	228.5	11.3	8.8	7.4	329.5	335.7	1.7	34.0	12.0	33.
24.4	67.0	6704.2	450.0	-8.9	-25.0	227.2	11.7	8.6	6.0	332.1	335.9	1.1	25.0	13.0	34.
25.9	70.4	7155.3	425.0	-11.3	-43.4	227.4	11.0	8.1	7.5	334.4	335.7	0.3	0.6	14.7	35.
27.5	74.0	7607.4	400.0	-14.2	-54.9	234.9	9.9	8.1	5.7	336.4	338.9	0.0	1.0	15.0	36.
29.2	77.7	8096.7	375.0	-17.2	-60.9	226.1	9.3	6.7	6.5	338.4	340.3	0.0	1.0	16.7	37.
31.0	81.5	8607.9	350.0	-21.2	-63.4	226.6	9.2	6.7	6.3	340.3	341.5	0.0	1.0	18.9	38.
33.0	85.5	9149.8	325.0	-25.6	-66.3	238.9	11.6	9.9	6.0	341.4	341.5	0.0	1.0	19.9	39.
35.1	89.7	9725.5	300.0	-29.9	-60.9	236.9	11.1	9.3	6.0	343.3	344.6	0.3	33.2	20.3	40.
37.1	94.0	10338.6	275.0	-35.2	-40.7	224.1	10.0	7.0	7.2	344.3	345.7	0.4	56.6	21.5	40.
39.4	98.0	10956.1	250.0	-40.1	59.9	228.6	13.7	16.3	9.1	346.4	349.9	95.9	999.9	23.0	41.
41.0	103.6	11767.0	225.0	-45.7	99.9	224.6	15.7	11.1	11.2	348.4	349.9	99.9	999.9	24.2	41.
44.4	108.0	12491.1	200.0	-51.8	99.9	219.2	17.2	10.3	13.3	351.1	349.9	99.9	999.9	27.7	41.
47.1	114.5	13334.4	175.0	-58.8	99.9	208.7	17.7	8.5	15.5	353.4	349.9	99.9	999.9	30.6	41.
50.2	120.0	14268.7	150.0	-64.9	99.9	212.9	11.0	6.0	9.3	355.4	349.9	99.9	999.9	33.4	39.
53.6	127.7	15182.1	125.0	-71.7	99.9	228.8	5.6	4.2	3.7	355.1	349.9	99.9	999.9	36.9	40.
58.0	135.7	16602.7	100.0	-73.6	99.9	157.5	6.0	1.0	9.7	355.2	349.9	99.9	999.9	39.9	38.
63.1	144.3	18373.1	75.0	-68.5	99.9	132.9	7.0	-5.1	4.6	429.2	349.9	99.9	999.9	43.3	32.
70.3	154.3	20878.0	50.0	-57.9	99.9	108.7	11.1	-10.9	2.1	601.2	349.9	99.9	999.9	46.9	32.
82.0	165.0	25303.2	25.0	-46.9	99.9	999.9	99.9	99.9	99.9	649.8	349.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229  
 VICTORIA, TEXAS

 7 JUNE 1979  
 1705 GMT

TIME MIN	CNTCT	HEIGHT GPM	WRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT 7 DEG K	E POT 7 DEG K	HA RTO G/M/KG	RH PCT	RANGE KM	AZ DEG
0.0	6.3	33.0	1006.1	30.9	26.0	160.0	7.2	-2.3	6.8	303.1	360.2	21.5	77.0	0.0	0.
0.2	6.8	87.5	1000.0	28.4	21.9	999.9	9.3	95.9	99.9	201.4	352.0	19.1	76.8	999.9	999.
1.0	9.3	312.7	975.0	26.1	21.6	999.9	9.9	99.9	99.9	301.4	352.8	19.5	87.1	999.9	999.
1.7	11.6	542.5	950.0	24.5	21.9	999.9	9.9	99.9	99.9	302.1	353.0	20.0	90.3	999.9	999.
2.4	14.1	774.8	925.0	22.8	22.3	183.6	10.6	1.0	10.5	302.4	351.9	18.7	92.1	1.3	351.
3.2	16.6	1015.8	900.0	21.1	19.4	189.3	11.4	1.8	11.2	303.2	348.1	16.0	90.2	1.8	354.
4.0	19.0	1260.3	875.0	20.8	17.3	190.6	11.5	2.1	11.3	304.4	343.6	14.4	84.3	2.3	359.
4.7	21.4	1510.7	850.0	19.5	16.9	194.1	11.6	2.8	11.3	305.4	340.8	14.4	80.1	2.9	2.
5.6	24.1	1766.9	825.0	17.2	12.9	199.1	11.1	3.6	10.5	306.4	338.4	11.5	75.8	3.5	4.
6.4	26.7	2079.0	800.0	16.2	11.6	201.0	11.4	4.1	10.6	306.4	338.6	10.9	74.4	4.1	7.
7.5	29.3	2293.9	775.0	14.6	9.9	203.8	10.5	4.2	9.6	306.9	335.7	9.3	68.7	4.7	9.
7.9	31.9	2577.2	750.0	13.0	13.6	210.1	9.3	4.7	8.1	310.7	341.0	10.8	65.2	5.2	10.
8.4	34.8	2861.9	725.0	10.6	9.1	208.6	7.9	3.8	6.9	311.1	339.6	10.1	90.3	5.7	12.
10.4	37.4	3155.2	700.0	10.0	6.5	211.7	6.1	3.2	5.2	313.4	334.7	8.8	79.0	6.1	13.
11.4	40.3	3458.5	675.0	10.9	-4.3	225.0	4.6	3.4	3.4	317.4	330.3	6.1	35.1	6.4	15.
12.4	43.1	3771.8	650.0	8.3	-4.1	226.4	5.8	4.2	4.0	319.4	331.6	4.3	41.1	6.7	16.
13.7	46.1	4094.5	625.0	6.2	-17.6	237.7	5.4	4.6	3.5	219.2	328.1	2.7	28.9	7.0	18.
14.9	49.0	4427.6	600.0	4.0	-9.4	241.5	6.9	6.0	3.3	320.2	331.3	3.4	35.6	7.3	20.
16.1	52.0	4772.5	575.0	2.2	-7.7	238.1	9.1	7.7	4.7	322.4	334.2	3.7	47.8	7.8	22.
17.4	54.1	5130.4	550.0	0.6	-10.0	231.1	11.1	8.6	6.9	324.4	335.2	3.3	44.8	8.5	24.
19.8	53.3	5532.6	525.0	-2.2	-11.6	222.9	11.5	7.8	8.4	325.4	335.4	3.0	40.5	9.4	26.
20.2	61.5	5892.2	500.0	-3.4	-22.8	218.2	9.5	5.6	8.2	328.5	333.3	1.3	21.7	10.3	29.
21.4	64.0	6242.4	475.0	-6.3	-33.9	210.7	8.6	5.5	6.6	330.2	331.9	0.5	9.5	11.0	29.
23.0	69.3	6712.5	450.0	-5.3	-34.7	229.9	9.5	7.3	6.1	331.2	333.1	0.4	10.3	11.7	30.
24.5	71.9	7153.5	425.0	-10.9	-44.1	219.9	13.0	8.3	10.0	335.4	335.8	0.2	4.9	12.7	31.
25.1	75.4	7616.7	400.0	-14.3	-39.3	220.2	13.0	8.4	9.9	336.4	337.5	0.3	9.3	13.9	32.
27.7	74.2	8102.0	375.0	-18.1	-39.6	208.1	11.9	5.6	10.5	337.7	338.9	0.3	13.0	15.1	33.
29.5	81.1	8613.9	350.0	-21.8	-43.1	196.9	11.1	3.2	10.6	339.2	340.3	0.2	13.0	16.3	32.
31.1	87.5	9146.0	325.0	-25.2	-47.9	195.1	10.4	2.7	10.1	341.4	341.6	0.4	20.3	17.4	31.
33.1	91.3	9731.3	300.0	-29.9	-47.5	206.1	10.3	5.0	9.0	343.2	343.3	0.3	28.0	18.5	30.
35.1	95.4	10344.8	275.0	-34.9	-48.5	214.4	12.0	4.8	9.9	344.7	345.3	0.2	23.3	19.8	30.
37.2	100.6	11032.5	250.0	-40.0	-49.9	212.2	14.1	7.5	11.9	346.4	349.8	99.9	959.9	21.5	30.
39.4	105.6	11712.9	225.0	-45.8	-49.9	216.5	15.6	9.3	12.6	348.4	349.8	99.9	959.9	23.5	31.
41.9	111.0	12495.8	200.0	-51.9	-59.9	213.7	14.5	8.8	12.0	350.4	349.8	99.9	959.9	25.7	31.
44.4	116.9	13337.7	175.0	-56.6	-59.9	208.7	14.1	6.8	12.3	353.2	349.8	99.9	999.9	28.0	31.
47.5	123.3	14286.2	150.0	-64.3	-59.9	220.6	9.4	6.4	7.5	359.4	349.8	99.9	999.9	30.1	31.
52.4	133.3	15194.0	125.0	-72.2	-59.9	210.0	9.5	4.7	8.2	364.2	349.9	99.9	959.9	37.0	32.
53.5	139.0	16183.2	100.0	-75.7	-59.9	200.6	6.8	2.4	6.3	361.4	349.9	99.9	999.9	33.6	31.
58.7	146.7	17175.4	75.0	-68.8	-59.9	194.3	7.5	-5.4	5.2	428.2	349.9	99.9	999.9	34.6	30.
60.4	155.7	20175.1	50.0	-57.6	-59.9	103.6	11.3	-11.0	2.7	507.5	349.9	99.9	999.9	33.5	23.
77.6	165.0	25351.0	25.0	-47.9	-59.9	101.1	16.0	-15.7	3.1	647.6	349.9	99.9	999.9	33.2	8.

 \* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255  
 VICTORIA, TEXAS

 7 JUNE 1979  
 2005 GMT

TIME MIN	CNCT	WIND GPH	PRES IN	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U M/SEC	V M/SEC	POT DG K	POT DG K	WIND GPH	WIND PCT	RANGE KM	AZ DEG
0.0	7.2	33.0	1005.3	31.4	24.5	160.0	7.7	-2.6	7.2	304.1	304.1	19.7	67.0	0.0	0.0
0.1	7.7	60.6	1022.0	30.0	23.8	990.9	99.9	99.9	99.9	303.1	353.4	18.9	69.6	999.0	999.0
0.7	10.0	306.7	995.0	27.6	21.5	990.9	99.9	99.9	99.9	302.5	353.6	19.1	76.3	999.0	999.0
1.6	12.4	937.1	990.0	24.9	21.0	990.9	99.9	99.9	99.9	302.4	352.6	18.9	80.2	999.0	999.0
2.5	14.8	771.6	975.0	22.8	21.2	176.9	9.7	-1.5	9.6	302.6	349.4	17.6	91.4	1.6	343.0
3.5	17.3	1010.6	930.0	20.7	17.0	180.9	10.7	0.2	10.7	302.8	348.6	15.6	90.1	2.0	347.0
4.7	19.4	1255.0	875.0	20.5	17.5	181.5	11.9	0.3	11.9	305.6	348.4	14.6	83.0	2.0	352.0
5.6	22.3	1526.1	850.0	19.7	17.5	183.2	13.2	0.1	13.2	306.4	338.5	11.5	67.3	3.6	358.0
6.9	24.9	1763.9	825.0	17.7	17.1	184.6	12.7	1.0	12.7	307.2	337.3	10.9	60.6	4.5	355.0
9.3	27.4	2076.0	800.0	14.7	12.1	193.3	10.4	2.2	10.3	307.9	339.3	11.3	75.8	5.2	357.0
9.5	37.0	2794.8	775.0	14.1	9.2	199.9	8.7	3.0	8.1	310.4	335.3	9.0	68.1	5.4	354.0
10.1	32.7	2571.3	750.0	14.0	9.8	208.9	7.4	3.1	6.7	311.6	338.8	9.4	71.1	6.3	351.0
11.0	35.3	2455.4	725.0	12.8	7.7	208.8	5.7	2.4	5.2	313.5	339.9	9.2	71.4	6.6	352.0
12.3	34.0	3155.3	700.0	13.9	-2.2	208.5	4.1	2.0	3.6	317.2	332.0	4.7	32.9	6.9	353.0
13.1	42.9	3860.8	675.0	11.3	-2.4	208.7	4.7	2.3	4.1	318.2	332.7	4.0	32.2	7.1	354.0
14.2	43.6	3774.6	650.0	8.6	-2.1	208.1	4.0	1.9	4.2	318.6	336.1	5.1	40.8	7.4	355.0
15.6	46.6	4095.0	625.0	6.2	-2.8	203.2	5.6	2.2	5.2	319.5	334.7	5.0	52.5	7.4	356.0
16.9	49.5	4631.2	600.0	3.4	-6.1	223.3	6.3	4.3	4.6	320.0	332.5	4.0	60.6	8.2	357.0
19.3	52.5	4775.8	575.0	1.7	-4.3	223.5	6.9	6.6	5.4	322.0	330.9	4.9	66.4	9.7	358.0
19.5	55.6	5131.1	550.0	-0.2	-9.7	238.2	12.4	10.0	7.2	323.7	335.1	3.6	53.5	9.3	359.0
27.9	59.6	5504.2	525.0	-2.8	-15.7	232.6	12.4	9.9	7.5	325.0	337.9	4.1	67.3	10.1	360.0
28.2	61.9	5470.1	500.0	-4.6	-15.7	232.5	11.4	7.7	6.4	327.1	336.6	2.3	41.4	10.9	361.0
33.5	65.1	6192.4	475.0	-6.3	-18.2	212.4	12.9	6.7	10.5	330.1	336.5	1.9	36.4	11.9	362.0
35.5	69.6	6713.7	450.0	-5.1	-17.1	211.6	14.9	7.4	12.7	331.6	331.2	2.2	27.6	13.3	363.0
37.1	72.0	7131.7	425.0	-11.9	-22.0	205.5	16.9	8.3	16.7	333.7	338.9	1.5	42.7	14.9	364.0
39.9	75.6	7615.5	400.0	-15.2	-24.8	215.7	18.4	10.4	15.1	335.5	339.9	1.3	42.6	16.7	365.0
33.7	79.3	8100.0	375.0	-18.9	-31.1	215.8	19.0	11.1	14.4	336.4	339.3	0.6	32.9	18.8	366.0
37.9	93.2	8603.9	350.0	-22.8	-34.0	218.1	17.4	9.7	14.4	338.0	340.3	0.4	34.9	21.1	367.0
38.9	91.3	9124.5	300.0	-30.3	-36.3	211.6	16.6	4.5	11.4	346.7	342.6	0.3	37.2	23.0	368.0
38.0	95.7	10337.1	275.0	-35.2	-46.0	211.6	10.5	9.5	7.3	347.7	343.6	0.3	27.6	24.1	369.0
41.3	100.3	10984.5	250.0	-40.4	-59.9	209.3	11.6	5.4	9.4	348.2	343.1	0.2	31.9	25.2	370.0
43.8	105.2	11703.9	225.0	-45.9	-69.9	202.2	13.1	4.9	12.2	348.2	343.1	0.2	55.9	26.9	371.0
46.4	111.5	12477.5	200.0	-52.2	-69.9	198.6	16.4	4.9	18.1	350.1	343.1	0.2	65.9	28.6	372.0
49.1	117.3	13328.4	175.0	-55.4	-69.9	198.6	16.5	5.3	15.6	351.5	343.1	0.2	65.9	30.8	373.0
51.9	121.3	14281.2	150.0	-64.6	-99.9	223.6	8.1	5.6	9.9	358.8	343.1	0.2	65.9	33.6	374.0
55.2	129.3	15372.5	125.0	-73.6	-99.9	201.7	7.2	2.7	6.7	361.5	343.1	0.2	65.9	37.8	375.0
59.4	137.0	16464.8	100.0	-73.6	-99.9	156.6	9.3	1.5	5.0	361.5	343.1	0.2	65.9	39.4	376.0
64.5	145.7	17354.1	75.0	-76.2	-99.9	137.8	6.9	-4.7	5.1	425.7	343.1	0.2	65.9	39.4	377.0
72.2	155.5	20840.9	50.0	-57.2	-99.9	103.2	10.1	-9.9	2.3	588.4	343.1	0.2	65.9	39.4	378.0
92.9	92.9	59.9	25.0	55.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	999.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG

STATION NO. 228  
 VICTORIA, TEXAS

 7 JUNE 1979  
 2308 GMT

TIME MIN	CNTRY	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POW T DEG K	E POT V DEG K	MR WTC CM/SEC	RM PCT	RANGE KM	AZ DG
0-0	7-2	33-0	1004-9	38-6	24-0	180-0	7-7	-2-6	7-2	303-2	339-1	19-1	98-0	0-0	0-
0-1	7-7	76-9	1000-0	29-3	23-4	156-1	8-3	-3-4	7-6	302-2	331-5	18-5	70-7	0-2	330-
0-9	10-0	302-5	975-0	27-0	22-7	152-0	5-3	-4-4	8-2	302-4	330-4	18-2	77-4	0-6	329-
1-6	12-6	93-6	950-0	27-0	22-9	151-3	9-8	-4-6	8-5	302-3	332-2	18-0	89-4	1-0	329-
2-4	14-0	766-9	925-0	22-5	21-7	158-8	9-1	-3-3	8-4	302-2	330-2	16-0	55-5	1-4	331-
3-1	17-2	1305-4	900-0	20-5	11-6	168-2	11-1	-2-3	10-9	302-6	328-8	9-6	56-8	1-9	334-
4-2	19-7	1289-8	875-0	21-2	11-1	174-1	11-6	-1-2	11-6	305-5	332-4	9-6	52-5	2-5	330-
5-3	22-2	1500-5	850-0	15-7	10-2	176-5	11-9	-0-7	11-9	308-1	332-6	9-2	56-0	3-3	343-
6-2	24-7	1757-7	825-0	16-4	10-0	185-3	11-1	1-0	11-0	308-5	334-4	5-4	50-0	3-9	345-
7-2	27-3	2021-2	800-0	16-0	10-9	191-8	10-7	2-2	10-4	308-5	337-7	10-3	65-0	4-5	349-
8-7	29-9	2291-8	775-0	15-0	7-2	192-4	9-4	2-0	9-1	310-6	336-4	8-3	56-7	5-1	351-
9-3	32-6	2469-6	750-0	13-9	5-7	185-2	7-9	0-7	7-4	311-7	336-0	7-8	58-0	5-6	354-
10-5	35-2	2855-5	725-0	13-2	8-2	183-1	6-4	-1-3	6-2	314-6	341-1	9-5	71-3	6-0	354-
11-6	37-9	3153-4	700-0	12-2	-5-3	153-3	2-8	-1-3	2-5	316-0	337-7	3-6	30-1	6-2	351-
12-7	43-7	3659-8	675-0	11-1	-5-5	163-3	2-5	-0-7	2-3	318-6	339-4	3-8	30-8	6-6	353-
13-4	43-6	3769-3	650-0	8-6	-3-7	181-7	3-7	0-1	3-7	319-7	332-4	4-5	41-7	6-6	353-
15-2	46-4	4091-9	625-0	6-8	-5-1	206-6	4-8	2-2	4-3	320-2	333-2	4-2	42-1	6-9	354-
16-5	49-4	4425-8	600-0	4-2	-6-5	215-5	6-6	3-9	5-4	321-0	333-2	3-9	45-7	7-2	354-
17-7	52-4	4771-1	575-0	1-9	-3-0	218-1	9-3	5-7	7-3	322-2	338-7	5-4	70-0	7-7	359-
19-1	54-5	5129-0	550-0	-1-4	-3-6	215-8	11-0	9-4	8-9	323-6	340-3	5-6	60-1	8-4	2-
20-5	54-6	5400-2	525-0	-2-7	-5-0	222-5	11-4	7-7	8-4	325-2	340-3	5-6	64-0	9-2	6-
22-0	61-9	5986-1	500-0	-5-0	-9-4	225-8	13-4	9-6	9-3	327-6	338-9	3-8	71-0	10-0	10-
23-7	65-1	6298-4	475-0	-8-9	-12-0	224-5	15-1	10-6	10-9	329-4	339-8	3-2	67-3	11-2	14-
25-3	69-6	6709-9	450-0	-11-4	-16-2	227-0	15-6	11-4	10-7	331-1	339-8	2-6	50-4	12-5	18-
27-0	72-0	7188-2	425-0	-15-3	-22-0	221-7	15-8	10-5	11-6	333-1	338-4	1-5	40-3	14-0	21-
29-3	75-7	7609-2	400-0	-18-5	-29-4	219-5	16-1	11-5	11-0	335-1	336-2	0-3	10-4	15-0	23-
33-9	79-4	8094-0	375-0	-18-5	-31-7	216-7	16-3	11-5	11-5	337-3	337-3	0-0	1-0	18-0	25-
35-0	83-3	8604-8	350-0	-21-5	-34-4	203-3	16-9	6-7	15-5	339-7	339-8	0-0	1-0	20-3	28-
35-1	87-3	9147-8	325-0	-24-1	-36-0	192-5	13-1	2-8	12-6	342-1	342-1	0-0	1-0	22-2	25-
37-2	91-7	9723-9	300-0	-30-1	-41-8	186-6	10-4	1-2	10-3	343-6	343-4	0-1	10-2	23-5	24-
39-4	96-2	10137-2	275-0	-34-8	-46-0	184-3	11-2	1-2	11-1	346-1	345-4	0-2	22-4	24-8	21-
41-7	103-8	10995-3	250-0	-40-1	-50-9	192-1	12-9	2-7	12-7	348-4	359-9	55-9	99-9	26-4	22-
46-3	105-8	11705-8	225-0	-45-6	-59-9	191-9	14-2	2-9	13-9	350-7	359-9	99-9	99-9	28-5	22-
47-0	111-0	12460-1	200-0	-51-0	-59-9	188-8	17-7	2-7	17-8	351-1	359-9	99-9	99-9	31-0	21-
50-9	117-0	13136-1	175-0	-56-3	-59-9	192-4	17-3	3-7	14-9	353-8	359-9	99-9	99-9	34-3	11-
53-2	123-3	14293-7	150-0	-64-8	-69-9	213-1	8-7	5-3	8-1	359-5	359-5	99-9	99-9	38-9	2-
56-9	130-3	15486-2	125-0	-71-5	-69-9	192-4	7-3	1-6	7-1	365-2	359-9	99-9	99-9	39-5	2-
61-4	139-3	16695-4	100-0	-75-0	-69-9	197-2	6-7	2-0	6-4	365-1	359-9	99-9	99-9	40-4	28-
66-4	146-7	18377-5	75-0	-70-4	-59-9	145-0	7-9	-4-5	6-5	425-4	359-9	99-9	99-9	41-7	19-
74-0	156-3	20459-0	50-0	-59-0	-59-9	101-4	11-2	-11-0	2-2	504-6	359-9	99-9	99-9	41-9	13-
85-7	165-0	25122-6	25-0	-51-9	-59-9	99-9	99-9	99-9	99-9	635-4	359-9	99-9	99-9	41-2	360-

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG



STATION NO. 255  
VICTORIA, TEXAS

8 JUNE 1979  
205 GMT

TIME MIN	CHTCY	WFOHT GPM	WRES MM	TEMP DC C	DEB PT DC C	DIR DC	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	PGT 1 DC M	E PGT 1 DC R	M3 RTO CM/KC	RM PCT	RANGE KM	AZ DC
0.2	6.9	33.0	1000.3	26.1	23.4	150.0	5.1	-3.3	3.9	298.7	396.5	18.3	95.0	0.0	0.0
0.7	7.5	PA.9	1000.0	26.1	23.4	157.0	12.2	-6.7	10.3	299.2	351.9	20.2	93.2	0.3	33.0
1.3	9.8	312.8	975.0	24.6	23.7	149.9	12.1	-6.1	10.5	300.6	350.5	19.3	94.3	0.7	32.0
1.6	12.1	541.1	950.5	22.6	21.9	157.0	12.6	-5.0	11.8	300.4	344.8	17.7	95.9	1.3	31.0
2.7	14.5	773.9	925.0	21.7	19.0	144.6	11.7	-3.1	11.3	301.2	341.0	15.7	95.1	1.9	31.0
3.6	16.9	1013.2	900.0	22.2	13.6	166.9	11.9	-2.3	11.7	305.4	339.6	11.0	95.9	2.5	33.0
4.4	19.3	1250.1	875.0	22.3	12.9	168.7	11.2	-2.2	11.0	306.5	336.8	10.2	95.4	3.1	33.0
5.3	21.8	1510.9	850.0	22.7	12.9	171.1	11.2	-1.4	11.1	307.2	336.5	11.1	95.9	3.7	34.0
6.3	24.3	1749.9	825.0	19.3	12.9	180.0	11.0	0.2	11.0	309.6	337.0	10.0	95.9	4.3	34.0
7.3	26.9	2013.3	800.0	18.1	8.4	183.5	11.9	0.7	11.9	310.5	335.2	8.7	95.1	5.0	34.0
8.2	29.3	2308.6	775.0	16.1	6.2	180.9	12.1	0.2	12.1	311.2	336.4	6.9	95.3	5.6	34.0
9.3	31.9	2581.1	750.0	14.6	6.6	176.0	10.6	-0.7	10.5	312.5	336.1	6.2	95.8	6.3	34.0
10.4	34.6	2860.3	725.0	12.5	6.0	173.6	5.4	-1.5	9.3	313.2	336.6	6.1	94.6	7.0	34.0
11.5	37.2	3140.2	700.0	12.3	5.8	167.3	7.5	-1.6	7.3	316.3	340.5	8.4	94.6	7.6	35.0
12.7	39.9	3424.8	675.0	10.9	1.6	151.1	5.9	-2.5	5.2	317.6	336.7	6.4	92.6	8.0	34.0
13.9	42.4	3709.6	650.0	8.3	0.2	49.2	4.4	-2.3	3.6	318.4	336.3	6.0	96.5	8.3	34.0
15.0	45.6	4000.7	625.0	6.0	-2.4	176.3	3.7	-0.2	3.7	319.4	336.2	5.1	96.5	8.6	34.0
16.2	48.4	4280.3	600.0	3.8	-3.0	191.0	4.9	0.9	4.8	320.6	336.2	5.1	96.9	8.9	34.0
17.4	51.4	4564.0	575.0	1.2	-2.4	204.7	5.6	2.4	5.1	321.4	336.4	5.6	97.7	9.2	35.0
18.7	54.4	4848.0	550.0	-1.5	-2.6	212.6	7.4	6.0	6.2	322.3	339.8	5.8	97.3	9.6	35.0
20.1	57.5	5132.5	525.0	-3.7	-4.0	224.9	9.0	6.8	5.9	324.0	340.7	5.7	98.0	10.1	35.0
21.6	60.8	5417.0	500.0	-6.0	-6.3	231.7	10.5	6.6	6.8	325.8	340.7	4.8	97.7	10.4	35.0
23.1	64.0	5701.2	475.0	-8.5	-10.1	225.4	12.2	9.7	8.5	327.5	339.4	3.7	97.9	11.3	3.0
24.6	67.3	5985.1	450.0	-10.4	-19.3	220.3	13.1	9.5	10.0	330.2	336.4	1.9	97.1	12.2	6.0
26.3	70.7	6269.5	425.0	-12.2	-24.9	213.1	15.0	8.2	12.6	333.2	333.5	0.1	1.6	13.4	9.0
28.0	74.3	6553.9	400.0	-14.0	-29.4	207.2	17.0	7.8	15.1	335.4	335.7	0.0	1.8	14.9	12.0
29.9	77.9	6838.4	375.0	-15.8	-34.0	201.3	17.9	6.3	14.6	338.7	336.8	0.0	1.8	16.4	13.0
31.3	81.7	7122.8	350.0	-17.3	-38.6	194.3	13.3	3.3	12.9	339.7	336.9	0.1	3.1	18.0	14.0
33.0	85.7	7407.2	325.0	-18.9	-43.2	186.0	15.1	1.6	15.0	342.9	343.0	0.0	10.7	20.4	13.0
34.8	89.8	7691.6	300.0	-20.1	-47.7	182.3	14.7	0.6	14.7	343.8	343.8	0.0	1.0	22.3	12.0
36.6	94.2	7976.0	275.0	-21.5	-52.3	179.4	14.6	-0.1	14.6	343.8	343.8	0.0	1.2	24.2	12.0
38.4	98.8	8260.4	250.0	-23.0	-56.9	181.5	14.5	0.4	14.5	345.6	345.6	0.0	95.9	26.3	11.0
40.2	103.3	8544.8	225.0	-24.6	-61.5	189.3	12.0	2.8	10.8	347.1	347.1	0.0	95.9	28.7	10.0
42.0	107.8	8829.2	200.0	-26.7	-66.1	195.8	10.2	4.9	17.5	349.2	349.2	0.0	95.9	31.8	11.0
43.8	112.4	9113.6	175.0	-28.8	-70.7	202.0	17.0	6.4	15.8	353.8	353.8	0.0	95.9	35.3	11.0
45.6	117.0	9398.0	150.0	-30.9	-75.3	188.5	11.3	1.7	11.7	357.2	357.2	0.0	95.9	37.7	12.0
47.4	121.5	9682.4	125.0	-32.0	-79.9	179.3	5.7	-0.1	9.7	360.4	360.4	0.0	95.9	39.9	11.0
49.2	126.0	9966.8	100.0	-33.5	-84.5	161.7	5.9	-3.6	4.5	362.1	362.1	0.0	95.9	41.9	11.0
51.0	130.5	10251.2	75.0	-35.0	-89.0	152.4	11.1	-10.4	3.0	431.5	431.5	0.0	95.9	42.0	7.0
52.8	135.0	10535.6	50.0	-36.3	-93.6	142.9	10.8	-10.8	1.1	506.3	506.3	0.0	95.9	43.1	6.0
54.6	139.5	10820.0	25.0	-38.1	-98.1	99.9	99.9	99.9	99.9	506.8	506.8	0.0	95.9	43.5	34.0

0 MY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 MY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
00 MY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255 VICTORIA, TEXAS														165 7. 0		
8 JUNE 1979																
505 GMT																
TIME	CNCT	WEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT V	E POT V	MR ATO	RM	RANGE	AZ	
MIN		GPM	MB	DEG C	DEG C	DEG	M/SEC	M/SEC	M/SEC	DEG M	DEG M	CM/SEC	PCT	MM	DEG	
0.0	6.6	33.0	1007.6	26.6	25.6	150.0	4.1	-2.1	3.6	299.1	333.6	29.9	94.0	0.0	0.	
3.2	7.4	100.1	1000.0	24.9	24.9	139.8	12.4	-6.0	9.5	298.0	350.5	20.2	100.1	0.2	350.	
1.0	9.6	323.3	975.0	23.8	23.8	169.6	13.0	-6.6	11.2	299.1	349.8	19.4	100.1	0.6	333.	
1.7	12.0	551.2	950.0	22.3	22.2	158.3	12.3	-6.6	11.5	299.2	347.3	18.1	99.6	1.2	333.	
2.5	14.4	784.0	925.0	20.8	19.7	160.5	12.2	-3.1	11.5	300.2	342.9	16.0	93.6	1.7	336.	
3.3	16.8	1021.5	900.0	21.5	13.2	164.2	12.2	-2.3	11.7	303.7	332.9	10.7	59.5	2.3	336.	
4.3	19.2	1266.2	875.0	21.3	10.9	169.4	11.0	-2.0	10.8	305.5	332.1	9.4	51.4	3.0	340.	
5.2	21.7	1517.4	850.0	20.4	11.1	174.9	12.3	-1.1	12.3	307.5	332.9	9.9	55.4	3.6	342.	
6.1	24.2	1774.6	825.0	18.7	6.8	181.8	10.9	0.3	10.9	308.4	329.7	7.5	45.7	4.2	344.	
7.0	26.8	2038.4	800.0	16.0	2.7	182.9	11.2	0.6	11.3	310.2	327.2	5.9	36.2	4.8	347.	
8.0	29.3	2308.2	775.0	16.1	2.4	182.5	11.5	0.5	11.5	311.1	326.2	5.9	36.8	5.5	349.	
9.0	32.0	2587.0	753.0	14.3	1.5	192.2	11.5	0.4	11.4	312.1	326.8	5.7	42.0	6.1	352.	
10.1	34.7	2972.6	725.0	12.2	2.6	177.6	11.6	-0.5	11.6	312.8	331.4	6.4	51.8	6.8	351.	
11.0	37.3	3166.0	700.0	10.2	2.6	174.5	11.0	-1.0	11.0	313.6	333.4	6.7	60.5	7.5	352.	
12.1	40.1	3468.3	675.0	8.9	4.3	172.1	6.2	-1.0	8.2	315.6	338.2	7.7	72.6	8.2	352.	
13.3	42.9	3783.7	650.0	7.5	-1.8	158.1	5.5	-2.1	5.1	317.5	333.2	5.2	51.9	9.6	352.	
14.3	45.8	4103.2	625.0	5.9	-6.0	156.8	3.9	-1.5	3.6	319.2	331.2	3.9	42.0	8.9	351.	
15.4	48.4	4436.4	600.0	3.6	-4.5	176.3	4.4	-0.3	4.4	320.2	336.3	4.6	55.2	9.1	351.	
16.6	51.6	4781.1	575.0	1.5	-2.6	187.6	5.2	0.7	5.2	321.2	338.3	5.4	72.9	9.5	351.	
17.9	54.6	5139.2	550.0	-1.2	-2.9	200.9	6.4	2.3	6.0	322.7	339.9	5.6	87.8	9.8	352.	
19.1	57.8	5502.8	525.0	-3.2	-6.3	207.8	7.7	3.4	6.8	324.5	338.7	4.6	9.1	10.3	354.	
20.4	60.9	5891.3	503.0	-6.3	-8.2	202.4	8.4	3.2	7.7	325.2	338.3	4.1	26.3	10.8	354.	
21.8	64.1	6293.4	475.0	-8.2	-18.2	201.9	11.5	4.3	10.6	327.2	336.2	2.0	45.2	11.6	357.	
23.3	67.5	6712.2	450.0	-9.7	-18.5	205.5	13.7	5.9	12.4	331.1	331.5	0.1	2.5	12.5	360.	
24.6	71.0	7150.8	425.0	-12.8	-45.1	195.4	16.7	4.4	16.1	332.5	333.1	0.2	4.6	13.7	2.	
26.2	74.6	7610.6	403.0	-14.8	-47.7	193.0	16.5	3.7	16.1	334.5	334.9	0.1	4.5	15.2	3.	
27.9	78.2	8031.6	375.0	-16.6	-45.8	149.4	15.6	2.6	15.4	335.7	336.3	0.2	7.6	16.9	4.	
29.6	82.0	8602.5	350.0	-23.0	-47.9	183.5	15.2	0.9	15.2	337.7	336.3	0.1	8.1	18.4	4.	
31.4	86.0	9141.0	325.0	-27.0	-51.1	183.8	17.0	1.1	16.9	339.8	339.9	0.1	8.0	20.2	4.	
33.3	90.7	9713.7	300.0	-30.8	-53.6	188.1	18.1	2.5	17.9	342.0	342.4	0.1	8.5	22.2	4.	
35.3	94.5	10325.2	275.0	-35.6	-56.1	194.9	17.0	4.4	16.4	343.6	343.9	0.1	10.1	24.3	5.	
37.4	99.0	10980.3	253.0	-40.7	-59.9	191.8	16.9	3.4	16.1	345.6	345.9	99.9	959.9	26.4	5.	
39.8	104.0	11689.1	225.0	-46.6	-59.9	202.3	17.9	6.8	16.6	347.1	347.1	99.9	990.9	28.7	6.	
42.0	109.0	12460.0	200.0	-52.6	-59.9	211.4	16.9	8.8	14.4	349.2	349.9	99.9	959.9	30.9	8.	
44.5	114.6	13309.8	175.0	-56.6	-59.9	201.1	15.4	9.5	14.4	351.6	349.9	99.9	959.9	33.1	9.	
47.4	120.8	14255.3	150.0	-67.4	-59.9	185.2	13.6	1.2	13.5	354.1	350.9	99.9	959.9	35.7	10.	
50.4	127.3	15334.5	125.0	-74.6	-59.9	164.9	11.6	-0.0	11.2	359.5	359.9	99.9	990.9	37.7	8.	
54.0	134.7	16632.5	100.0	-76.8	-59.9	157.0	5.5	-2.2	5.1	379.4	379.9	99.9	990.9	39.4	8.	
58.0	143.0	18237.6	75.0	-85.8	-59.9	106.9	10.5	-10.0	3.0	426.7	426.9	99.9	990.9	40.7	359.	
66.1	152.5	20737.9	50.0	-60.2	-59.9	86.5	11.5	-11.5	-0.3	501.2	501.2	99.9	990.9	40.7	359.	
78.4	162.7	25249.4	25.0	-52.2	-59.9	91.3	15.0	-15.0	0.3	635.1	635.1	99.9	959.9	41.7	346.	

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 255  
VICTORIA, TEXAS

8 JUNE 1979  
005 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG M	E POT T DG K	MH RTO GPH	RH PCT	RANGE KM	AZ DEG
0.0	6.2	33.0	1006.4	25.0	25.1	150.0	4.1	-2.1	3.6	298.3	351.1	20.4	97.0	0.0	0.
0.2	6.7	89.5	1000.0	25.3	25.1	155.4	10.6	-4.4	9.6	298.4	351.7	20.5	99.1	0.2	343.
0.9	9.1	313.2	975.0	24.1	24.1	161.0	13.7	-4.5	13.0	299.2	351.2	19.8	99.9	0.7	337.
1.8	11.9	541.7	950.0	23.1	23.0	176.7	16.9	-2.9	14.4	300.6	350.6	19.0	90.4	1.4	341.
2.8	13.3	775.0	925.0	21.6	21.3	189.0	14.2	-2.8	14.2	301.4	349.9	17.6	90.5	2.2	347.
3.0	16.3	1013.7	900.0	21.6	19.8	186.9	14.5	-3.8	14.0	303.7	345.1	15.4	84.4	3.0	345.
4.5	18.4	1258.9	875.0	21.9	11.3	187.7	13.5	-2.9	13.2	308.2	333.6	6.8	51.4	3.7	345.
5.4	21.3	1510.7	850.0	21.5	6.4	178.7	12.9	-1.6	12.7	308.7	331.8	8.2	43.1	4.4	346.
6.3	23.8	1769.1	825.0	20.6	3.0	178.7	11.8	-0.3	11.8	310.2	327.1	5.0	31.2	5.1	347.
7.3	26.3	2036.1	800.0	18.9	2.9	174.4	10.5	-1.0	10.4	311.2	328.5	5.9	34.6	5.8	349.
8.4	29.9	2305.6	775.0	16.9	4.9	176.0	10.0	-0.7	9.9	312.0	332.3	7.0	44.9	6.4	349.
9.3	31.5	2568.6	750.0	14.8	3.6	186.0	8.8	0.7	8.8	312.7	331.9	6.6	46.8	6.9	350.
10.3	34.1	2870.8	725.0	13.4	2.8	193.3	7.7	1.8	7.5	314.2	333.2	6.5	48.8	7.4	351.
11.4	36.9	3166.2	700.0	12.0	6.6	202.7	6.7	2.6	6.2	315.2	341.3	6.8	69.3	7.8	353.
12.5	39.7	3471.0	675.0	10.7	3.6	192.6	6.0	1.2	5.8	317.6	339.4	7.4	61.5	8.2	354.
13.6	42.4	3784.9	650.0	8.3	3.4	173.2	6.7	-0.8	6.4	318.2	340.7	7.6	71.7	8.6	354.
14.6	45.3	4108.2	625.0	5.7	3.5	183.4	5.4	-1.5	5.2	319.6	342.4	7.9	85.8	9.0	354.
15.9	48.3	4441.5	600.0	3.0	-1.2	150.6	5.3	-2.8	4.6	319.7	337.2	5.8	73.6	9.3	353.
17.2	51.3	4786.1	575.0	1.8	-3.4	153.6	6.5	-3.1	6.2	321.8	337.7	5.2	69.4	9.8	352.
18.5	54.3	5143.3	550.0	-1.0	-2.2	163.5	6.7	-1.9	6.4	322.8	340.8	5.9	91.7	10.3	352.
19.8	57.3	5511.5	525.0	-3.8	-4.4	161.4	5.1	-1.6	4.8	323.4	340.1	5.3	55.7	10.8	351.
21.3	60.5	5897.8	500.0	-6.0	-13.1	171.1	6.1	-0.5	6.0	325.6	337.0	3.4	72.6	11.2	351.
22.9	63.8	6295.5	475.0	-7.2	-31.2	184.6	8.6	0.7	8.6	329.1	329.4	0.1	1.9	11.8	351.
24.3	67.0	6719.1	457.0	-8.9	-45.6	193.2	10.8	2.5	10.5	332.0	332.2	0.0	1.0	12.7	353.
26.0	70.5	7157.3	425.0	-12.9	-49.1	196.7	14.1	3.6	13.7	332.2	332.6	0.0	1.0	13.8	355.
27.6	74.0	7616.6	400.0	-15.6	-59.8	194.2	15.6	3.8	15.1	334.6	334.9	0.0	1.0	15.2	356.
29.4	77.7	8100.1	375.0	-19.5	-62.3	194.1	17.6	4.3	17.1	335.8	335.5	0.0	1.0	16.8	359.
31.1	81.5	8608.5	350.0	-23.7	-68.0	187.7	16.7	2.5	16.5	336.2	336.9	0.0	1.0	18.9	360.
33.0	85.5	9146.3	325.0	-27.3	-64.0	186.4	17.0	2.0	17.5	339.1	339.2	0.0	1.0	20.9	360.
35.0	89.5	9717.8	300.0	-31.8	-39.4	198.2	16.2	5.1	15.4	340.8	340.2	0.4	46.7	22.9	360.
37.2	93.8	10327.5	275.0	-35.7	-39.9	211.5	16.1	9.8	15.5	343.2	345.2	0.4	67.9	24.9	360.
39.4	98.4	10993.1	250.0	-40.7	59.9	212.9	14.8	8.0	12.4	345.2	349.9	99.9	99.9	26.7	360.
41.9	103.2	11692.9	225.0	-45.7	59.9	217.1	15.9	9.6	12.7	348.4	349.9	99.9	99.9	28.9	360.
44.8	109.4	12445.5	200.0	-52.6	59.9	220.9	15.7	10.3	11.9	349.2	349.9	99.9	99.9	31.1	360.
47.6	114.0	13312.7	175.0	-60.0	59.9	215.5	18.0	10.9	15.3	351.6	349.9	99.9	99.9	33.6	360.
50.7	120.0	14259.0	150.0	-66.7	59.9	199.6	15.8	2.8	15.6	353.2	349.9	99.9	99.9	36.6	360.
54.3	127.0	15342.8	125.0	-73.3	59.9	170.5	13.6	-2.2	13.4	362.2	349.9	99.9	99.9	40.1	360.
58.5	134.5	16647.7	100.0	-76.0	59.9	123.0	7.6	-6.3	4.1	360.5	349.9	99.9	99.9	43.6	360.
64.2	143.3	18377.1	75.0	-84.0	59.9	87.3	8.8	-7.7	4.2	430.4	349.9	99.9	99.9	46.9	360.
71.5	151.5	20916.1	50.0	-92.0	59.9	87.3	12.7	-12.7	-0.6	497.4	349.9	99.9	99.9	50.9	360.
84.5	165.0	25746.9	25.0	-91.5	59.9	90.1	16.2	-16.2	0.0	536.7	349.9	99.9	99.9	53.9	360.

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 289  
VICTORIA, TEXAS8 JUNE 1979  
1105 GMT

100 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND GMS/KG	RM PCT	RANGE KM	AZ DEG
0.0	6.8	33.0	1006.3	26.2	25.2	150.0	4.1	-2.1	3.6	298.2	352.8	20.4	99.0	0.0	0.
0.2	7.4	68.8	1000.0	25.6	25.0	160.0	10.1	-3.3	9.5	298.2	352.6	21.1	99.8	0.2	331.
1.1	9.7	312.6	975.0	24.3	24.3	163.2	11.5	-2.3	11.0	299.7	352.2	20.1	100.0	0.6	338.
2.0	12.0	541.0	950.0	23.0	23.0	169.6	12.9	-2.3	12.7	300.2	357.4	19.0	99.8	1.3	341.
3.1	14.4	774.4	925.0	21.8	21.4	178.5	12.6	-0.3	12.8	301.6	348.3	17.6	97.5	2.1	347.
4.0	16.8	1013.0	900.0	20.5	20.1	179.5	13.0	-0.1	13.0	302.6	347.1	16.7	97.7	2.0	351.
4.3	19.1	1237.0	875.0	19.1	18.3	180.0	13.0	-0.2	13.0	303.6	344.7	15.3	95.1	3.5	352.
5.5	21.6	1507.1	850.0	19.3	12.8	179.0	13.4	-0.2	13.4	306.4	334.9	11.1	66.3	4.2	354.
6.7	24.1	1764.0	825.0	18.8	6.2	178.7	12.3	-0.3	12.3	308.5	331.9	8.3	50.0	4.9	354.
7.5	26.6	2027.9	800.0	17.7	6.4	162.0	11.3	0.4	11.3	310.1	331.4	7.6	47.3	5.7	355.
8.9	29.2	2299.2	775.0	16.9	6.1	183.9	8.2	0.6	8.2	312.0	331.3	6.7	42.7	6.3	356.
10.0	31.9	2577.9	750.0	14.8	4.4	180.2	7.4	0.0	7.4	312.7	333.0	7.0	49.7	6.0	356.
11.1	34.4	2864.3	725.0	13.3	3.4	175.9	5.9	-0.4	5.9	315.1	333.9	6.8	51.2	7.3	356.
12.2	37.1	3159.2	700.0	11.3	7.1	179.9	5.5	-0.0	5.5	315.1	341.3	9.1	75.0	7.7	357.
13.5	39.9	3463.0	675.0	9.7	4.2	174.3	5.4	-0.5	5.3	316.5	339.1	7.7	66.9	8.0	357.
14.7	42.7	3775.2	650.0	7.9	2.8	151.7	6.1	-2.9	5.4	317.5	339.4	7.3	70.4	8.4	356.
16.0	45.6	4099.6	625.0	6.3	-1.8	143.6	8.3	-4.9	6.7	319.5	336.3	5.4	55.3	8.9	354.
17.3	48.4	4433.9	600.0	4.4	-1.8	154.0	9.2	-4.0	8.3	321.1	336.2	5.6	64.1	9.5	352.
18.6	51.4	4779.3	575.0	2.1	-5.2	162.1	8.1	-2.5	7.7	322.4	336.4	4.5	58.7	10.2	351.
19.9	54.4	5136.7	550.0	-0.6	-10.1	165.8	2.1	-2.0	7.8	323.4	331.5	3.2	48.4	10.8	351.
21.3	57.5	5506.9	525.0	-3.4	-9.5	158.4	6.6	-3.2	8.0	324.3	335.5	3.6	43.1	11.4	351.
22.6	60.5	5891.5	500.0	-5.8	-17.9	168.5	6.5	-1.3	6.3	326.8	332.3	1.9	38.4	12.1	350.
24.0	63.8	6292.0	475.0	-7.7	-37.7	165.5	6.7	0.8	8.7	328.2	329.6	0.3	6.8	12.7	350.
26.0	67.1	6711.8	450.0	-5.6	-5.6	188.2	11.5	1.8	11.4	331.1	331.3	0.0	1.1	13.7	352.
27.6	70.6	7148.4	425.0	-13.5	-46.7	191.1	13.4	2.6	13.1	331.7	332.2	0.1	4.2	14.8	353.
29.5	74.1	7657.3	400.0	-16.4	-46.3	192.7	18.1	4.0	17.7	333.7	334.2	0.1	4.3	16.5	355.
31.5	77.7	8099.3	375.0	-19.9	-44.9	192.7	20.6	4.5	20.1	335.2	338.0	0.2	9.0	18.8	357.
33.5	81.6	8597.0	350.0	-23.6	-46.8	192.4	19.6	4.2	19.2	336.9	337.6	0.2	9.8	21.3	359.
35.4	85.5	9148.8	325.0	-27.3	-42.9	157.2	15.8	5.8	16.9	338.8	341.5	0.7	60.1	23.5	1.
37.6	89.7	9705.5	300.0	-32.1	-36.5	207.9	14.4	9.1	17.2	340.1	342.6	0.7	78.9	25.9	2.
39.8	94.0	10315.1	275.0	-36.2	-34.7	220.6	14.0	5.1	10.7	342.2	344.6	0.5	77.3	27.6	5.
42.3	99.6	10969.8	250.0	-41.2	99.9	215.0	18.8	9.6	13.7	344.2	349.4	99.9	99.9	29.5	7.
44.9	103.5	11676.0	225.0	-47.5	99.9	211.9	16.4	8.7	13.9	345.7	349.9	99.9	99.9	31.8	9.
47.9	107.8	12443.8	200.0	-53.7	99.9	205.5	17.8	7.9	16.1	347.8	349.9	99.9	99.9	34.6	11.
51.2	114.5	13289.1	175.0	-60.4	99.9	203.8	19.5	7.9	17.8	350.2	349.9	99.9	99.9	38.4	12.
54.8	120.7	14235.5	150.0	-66.6	99.9	181.8	15.8	0.5	15.8	355.3	349.8	99.9	99.9	42.0	13.
58.8	127.5	15122.8	125.0	-71.4	99.9	177.6	5.4	-0.4	9.3	369.7	349.8	99.9	99.9	45.5	12.
63.5	135.3	16277.6	100.0	-76.7	99.9	141.8	5.7	-3.5	4.4	379.2	349.8	99.9	99.9	48.4	11.
69.4	144.0	18306.2	75.0	-82.4	99.9	117.5	10.8	-9.6	-0.0	429.5	349.8	99.9	99.9	48.7	8.
77.7	154.0	20801.3	50.0	-58.1	99.9	69.9	14.0	-16.0	-0.0	506.2	349.8	99.9	99.9	48.3	1.
91.0	164.3	25288.8	25.0	-48.0	99.9	99.9	99.9	99.9	99.9	647.1	349.8	99.9	99.9	49.7	346.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 260  
STEPHENVILLE, TEXAS

7 JUNE 1979  
1405 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MM	TEMP DEG C	DEN PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	HA RTO CM/SEC	RM PCT	RANGE KM	AZ DEG
0.0	9.5	399.0	960.7	24.5	23.3	190.0	6.2	1.1	6.1	301.1	351.8	19.1	93.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.3	10.5	496.0	975.0	21.9	21.3	999.9	99.9	99.9	99.9	301.2	346.8	17.1	85.8	999.9	999.9
1.2	12.9	727.7	925.0	22.1	21.5	999.9	99.9	99.9	99.9	302.0	349.2	17.0	96.6	999.9	999.9
2.2	15.4	966.9	900.0	21.3	20.7	203.6	20.2	9.1	18.5	303.2	350.0	17.4	96.5	1.5	12.
3.0	17.8	1211.6	875.0	20.0	19.4	211.4	22.4	11.9	19.2	304.2	348.6	16.5	56.6	3.0	17.
3.9	20.3	1463.6	855.0	21.8	13.0	211.0	20.4	12.3	16.3	309.6	340.3	11.3	52.9	4.1	23.
5.0	22.9	1722.8	825.0	21.1	5.9	230.3	16.5	12.7	10.5	310.5	331.3	7.1	37.3	5.2	27.
6.0	25.4	1968.5	800.0	20.8	-3.2	235.5	13.3	11.0	7.5	312.5	328.0	3.0	20.9	6.0	31.
7.2	28.0	2260.4	775.0	17.8	-7.9	233.4	12.4	10.0	7.4	313.0	321.3	2.7	16.5	6.9	34.
8.3	31.7	2519.1	750.0	15.2	-8.9	227.5	11.7	8.6	7.9	313.1	321.0	2.6	15.0	7.6	36.
9.5	33.3	2626.7	725.0	12.6	-2.7	223.7	15.1	10.5	10.9	313.3	326.3	4.4	34.7	8.6	37.
10.7	36.0	3118.0	700.0	10.2	-3.9	221.1	14.7	9.7	11.1	313.6	329.0	5.1	45.9	9.7	37.
12.0	39.9	3419.0	675.0	6.1	-24.9	227.8	12.3	9.1	8.3	314.7	317.3	0.8	7.7	10.7	36.
13.1	41.7	3778.7	650.0	5.5	-19.0	236.2	10.9	9.4	6.8	315.2	319.9	1.5	17.0	11.6	39.
14.5	44.5	4044.3	625.0	4.2	-19.0	236.2	10.9	9.4	6.1	317.2	319.1	0.2	2.8	12.4	40.
15.4	47.3	4375.9	600.0	2.6	-49.4	235.9	12.3	10.2	6.9	319.1	319.4	0.1	1.0	13.2	41.
17.0	53.3	4720.8	575.0	-0.0	-53.0	227.5	16.0	11.8	10.8	319.9	320.2	0.1	1.0	14.2	42.
19.4	57.5	5075.7	550.0	-1.9	-51.1	228.9	17.6	13.3	11.6	321.9	322.1	0.1	1.0	15.6	42.
19.7	59.5	5443.3	525.0	-4.6	-53.7	231.4	17.5	14.1	10.5	322.9	323.1	0.1	1.0	17.0	43.
21.2	59.7	5926.2	500.0	-6.0	-53.7	237.2	19.2	16.2	11.3	325.2	328.0	0.0	1.0	18.6	44.
22.9	63.0	6226.1	475.0	-8.0	-55.0	236.0	22.0	18.9	11.3	328.1	328.3	0.0	1.0	20.6	46.
26.7	66.4	6843.8	450.0	-11.0	-56.9	236.5	24.0	20.0	13.3	329.1	329.5	0.0	1.0	23.1	47.
26.4	67.9	7040.3	425.0	-13.3	-56.3	237.7	25.0	21.1	13.4	331.5	332.1	0.0	1.0	25.5	48.
29.3	71.4	7547.0	400.0	-13.3	-54.3	244.7	25.5	23.1	10.9	337.2	337.9	0.0	1.0	28.3	49.
33.0	77.0	8032.1	375.0	-16.2	-60.2	250.6	27.7	26.1	9.2	340.3	340.3	0.0	1.0	30.9	51.
32.0	80.9	8566.6	350.0	-20.7	-63.1	245.6	29.6	27.7	10.3	340.5	341.0	0.0	1.0	34.2	51.
34.2	85.0	9049.3	325.0	-25.6	-66.3	247.6	30.1	27.8	11.5	341.4	341.4	0.0	1.0	37.6	54.
34.5	92.0	9466.7	300.0	-28.9	-68.5	246.8	32.7	30.0	12.9	344.6	344.7	0.0	1.0	42.3	56.
35.7	91.4	10291.2	275.0	-36.8	-72.3	240.1	31.2	30.3	13.4	344.6	344.9	0.0	1.0	46.5	57.
43.9	95.0	10934.6	250.0	-39.9	-75.4	241.7	32.3	28.4	15.1	346.7	346.8	0.0	1.0	50.7	57.
43.1	103.0	11649.1	225.0	-45.3	-59.9	237.3	35.2	29.6	19.0	349.2	349.9	99.9	99.9	55.2	57.
45.3	109.3	12424.8	200.0	-51.4	59.9	238.8	35.4	28.9	20.4	353.2	353.2	99.9	99.9	64.7	57.
48.0	114.2	13280.1	175.0	-58.5	59.9	235.7	27.2	22.4	15.3	356.6	356.6	99.9	99.9	70.3	57.
51.0	123.3	14332.4	150.0	-65.9	59.9	238.2	30.4	25.8	16.0	366.2	366.2	99.9	99.9	76.1	57.
54.7	127.3	15325.2	125.0	-71.0	99.9	242.8	21.9	19.5	10.0	369.9	369.9	99.9	99.9	79.5	57.
59.5	135.3	16462.9	100.0	-71.7	59.9	126.8	13.4	4.1	12.7	369.1	369.1	99.9	99.9	81.3	57.
63.5	144.5	18157.7	75.0	-65.6	59.9	126.3	8.7	-7.0	5.2	435.2	435.2	99.9	99.9	78.6	55.
70.5	154.7	20473.6	50.0	-57.5	99.9	113.5	9.9	-9.0	3.9	508.1	508.1	99.9	99.9	72.9	51.
82.7	165.3	25189.0	25.0	-46.7	59.9	99.9	99.9	59.5	99.9	650.7	650.7	99.9	99.9	72.9	51.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260  
STEPHENVILLE, TEXAS7 JUNE 1979  
1705 GMT

157 23. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DC C	DEW PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DC M	MR RTO CM/KG	RM PCT	RANGE KM	AZ DC
0-0	13.7	399.0	900.5	26.4	21.2	190.0	0.0	0.0	0.0	305.1	16.8	65.0	0.0	0.0
00.9	93.9	90.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
01.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
01.7	11.7	406.6	900.0	26.4	21.2	190.0	0.0	0.0	0.0	305.1	16.8	65.0	0.0	0.0
1-0	11.7	732.4	925.0	26.4	21.2	190.0	0.0	0.0	0.0	305.1	16.8	65.0	0.0	0.0
2-1	15.5	972.9	900.0	22.5	20.4	202.3	14.3	5.4	13.2	304.7	16.0	74.9	0.7	16.0
2-9	14.9	1218.4	975.0	21.0	19.7	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
3-4	21.4	1470.6	950.0	24.6	19.7	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
4-7	21.4	1710.4	925.0	22.6	19.7	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
5-6	22.4	1946.7	900.0	19.9	19.8	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
6-6	22.4	2264.5	975.0	17.4	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
7-5	31.6	2547.2	950.0	15.2	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
8-5	34.2	2911.0	925.0	12.4	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
9-5	36.9	3121.0	900.0	10.0	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
10-6	39.7	3426.9	875.0	7.8	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
11-7	42.4	3736.4	850.0	5.7	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
12-8	45.3	4046.4	825.0	4.7	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
13-9	48.1	4356.4	800.0	2.2	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
14-0	51.0	4666.4	775.0	0.0	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
15-2	53.8	4976.4	750.0	-2.4	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
16-3	56.7	5286.4	725.0	-4.7	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
17-6	59.5	5596.4	700.0	-7.0	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
18-7	62.4	5906.4	675.0	-9.3	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
19-7	65.3	6216.4	650.0	-11.6	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
20-8	68.2	6526.4	625.0	-13.9	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
21-8	71.1	6836.4	600.0	-16.2	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
22-3	74.0	7146.4	575.0	-18.5	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
23-4	76.9	7456.4	550.0	-20.8	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
24-4	79.8	7766.4	525.0	-23.1	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
25-4	82.7	8076.4	500.0	-25.4	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
26-4	85.6	8386.4	475.0	-27.7	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
27-3	88.5	8696.4	450.0	-30.0	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
28-9	91.4	9006.4	425.0	-32.3	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
29-9	94.3	9316.4	400.0	-34.6	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
30-6	97.2	9626.4	375.0	-36.9	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
31-6	100.1	9936.4	350.0	-39.2	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
32-5	103.0	10246.4	325.0	-41.5	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
33-5	105.9	10556.4	300.0	-43.8	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
34-6	108.8	10866.4	275.0	-46.1	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
35-6	111.7	11176.4	250.0	-48.4	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
36-6	114.6	11486.4	225.0	-50.7	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
37-6	117.5	11796.4	200.0	-53.0	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
38-6	120.4	12106.4	175.0	-55.3	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
39-6	123.3	12416.4	150.0	-57.6	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
40-6	126.2	12726.4	125.0	-59.9	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
41-6	129.1	13036.4	100.0	-62.2	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
42-6	132.0	13346.4	75.0	-64.5	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
43-6	134.9	13656.4	50.0	-66.8	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
44-6	137.8	13966.4	25.0	-69.1	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
45-6	140.7	14276.4	0.0	-71.4	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
46-6	143.6	14586.4	0.0	-73.7	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
47-6	146.5	14896.4	0.0	-76.0	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
48-6	149.4	15206.4	0.0	-78.3	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
49-6	152.3	15516.4	0.0	-80.6	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
50-6	155.2	15826.4	0.0	-82.9	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
51-6	158.1	16136.4	0.0	-85.2	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
52-6	161.0	16446.4	0.0	-87.5	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
53-6	163.9	16756.4	0.0	-89.8	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
54-6	166.8	17066.4	0.0	-92.1	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
55-6	169.7	17376.4	0.0	-94.4	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
56-6	172.6	17686.4	0.0	-96.7	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
57-6	175.5	17996.4	0.0	-99.0	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
58-6	178.4	18306.4	0.0	-101.3	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
59-6	181.3	18616.4	0.0	-103.6	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
60-6	184.2	18926.4	0.0	-105.9	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
61-6	187.1	19236.4	0.0	-108.2	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
62-6	190.0	19546.4	0.0	-110.5	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
63-6	192.9	19856.4	0.0	-112.8	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
64-6	195.8	20166.4	0.0	-115.1	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
65-6	198.7	20476.4	0.0	-117.4	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
66-6	201.6	20786.4	0.0	-119.7	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
67-6	204.5	21096.4	0.0	-122.0	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
68-6	207.4	21406.4	0.0	-124.3	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
69-6	210.3	21716.4	0.0	-126.6	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0
70-6	213.2	22026.4	0.0	-128.9	19.4	213.2	14.8	8.1	12.4	305.1	15.7	66.0	2.2	23.0

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 260  
STEPHENVILLE, TEXAS

7 JUNE 1979  
2005 GMT

TIME MIN	CHTCY	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG C	E POT T DEG C	HA RTO GPH	RM PCT	RANGE KM	AZ DEG
0.0	11.9	399.0	960.0	30.9	23.3	190.0	7.7	1.3	7.6	307.8	359.8	19.1	64.0	0.0	0.
99.9	93.9	99.9	1000.0	99.9	50.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	999.0	99.9	50.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.2	13.0	493.1	650.0	29.6	23.0	177.7	12.5	-1.6	12.4	307.2	358.5	18.9	67.8	0.4	353.
1.2	14.3	731.6	925.0	27.7	22.4	177.4	11.2	-0.5	11.8	307.7	358.7	18.8	72.9	1.0	353.
2.4	16.7	978.9	920.0	25.6	22.1	168.5	11.2	1.3	11.1	307.5	359.4	19.0	81.1	1.7	357.
3.4	17.1	1223.0	925.0	23.1	21.6	162.9	10.7	2.4	10.4	307.8	359.1	18.9	91.1	2.4	1.
4.5	21.6	1476.4	850.0	21.0	20.9	202.5	10.7	4.1	9.9	308.2	359.0	18.7	100.4	3.1	4.
5.7	24.1	1735.3	850.0	18.8	17.7	220.1	11.7	7.5	9.0	308.4	351.5	15.7	93.9	3.8	9.
6.9	26.6	2000.6	850.0	19.2	18.6	237.0	14.5	12.2	7.9	311.6	340.4	10.2	57.7	4.6	18.
8.0	29.2	2273.4	775.0	17.5	17.9	236.6	14.3	11.9	7.9	312.7	337.5	8.7	53.3	5.3	24.
9.1	31.8	2552.8	750.0	14.9	15.5	232.4	13.3	10.5	6.1	312.6	334.7	7.6	53.0	6.1	29.
10.3	34.4	2839.1	725.0	12.6	13.2	228.3	11.4	8.5	7.6	313.2	332.7	6.7	52.5	7.0	31.
11.6	37.1	3132.8	700.0	11.1	-3.5	229.5	11.2	8.5	7.3	314.8	327.5	4.2	35.6	7.8	33.
12.7	39.9	3435.4	675.0	5.1	-5.4	227.3	11.5	6.7	6.0	315.6	327.3	3.8	35.6	8.6	35.
13.9	42.7	3746.7	650.0	6.7	-6.9	225.7	11.6	6.3	6.1	316.5	327.3	3.5	37.2	9.3	36.
15.0	45.4	4072.5	625.0	4.4	-8.4	231.8	11.2	6.8	6.9	317.2	326.8	3.0	35.7	10.1	37.
16.1	48.4	4398.3	600.0	1.9	-12.0	239.1	9.4	8.0	5.0	318.3	326.3	2.5	34.9	10.8	38.
17.5	51.3	4740.6	575.0	0.3	-15.4	237.5	9.5	8.0	5.1	320.4	326.8	2.0	29.6	11.5	39.
18.1	54.4	5096.2	550.0	-0.4	-41.0	238.0	13.6	11.7	7.3	323.6	324.2	0.2	2.2	12.5	41.
20.5	74.4	4467.6	525.0	-1.2	-40.1	247.7	17.0	15.1	7.8	327.0	327.5	0.1	1.7	13.8	42.
21.4	63.6	4854.6	500.0	-4.8	-52.4	243.2	18.7	16.7	8.4	328.5	328.5	0.1	1.0	15.1	45.
23.1	63.9	6256.0	475.0	-7.6	-58.7	238.6	19.5	16.6	10.2	328.6	328.6	0.0	1.0	16.5	46.
24.6	67.3	6674.8	450.0	-5.5	-55.9	233.3	21.2	17.5	12.1	331.5	331.5	0.0	1.0	14.3	47.
26.0	73.7	7116.7	425.0	-10.2	-59.4	231.8	21.2	16.7	13.1	335.2	336.0	0.0	1.0	23.0	48.
27.6	74.3	7580.5	400.0	-13.6	-59.6	231.0	23.3	16.1	14.7	337.2	337.4	0.0	1.0	22.1	48.
29.3	74.0	8067.1	375.0	-17.4	-61.0	229.7	23.4	17.8	15.1	338.2	338.7	0.0	1.0	24.6	48.
31.0	81.9	8579.8	350.0	-21.7	-63.5	212.3	21.9	17.3	13.4	339.4	339.7	0.0	1.0	26.9	48.
32.8	85.8	9120.8	325.0	-26.3	-66.0	230.3	22.1	17.0	14.1	340.4	340.4	0.0	2.8	29.3	49.
34.5	89.4	9695.0	300.0	-30.4	-57.8	229.1	23.4	17.7	15.3	342.5	342.6	0.1	6.3	31.6	49.
36.5	94.4	10306.8	275.0	-34.6	-57.8	229.6	27.3	20.5	18.1	345.0	345.3	0.1	7.4	34.3	49.
38.5	99.0	10965.9	250.0	-39.9	-57.7	227.4	31.3	23.1	21.2	346.6	346.6	0.1	12.8	38.2	49.
40.7	104.0	11676.6	225.0	-45.6	-59.9	228.7	28.3	21.2	18.7	348.7	348.7	99.9	99.9	42.1	49.
43.1	109.4	12450.4	200.0	-51.7	-59.9	234.7	24.0	19.6	13.9	350.5	350.5	99.9	99.9	45.7	49.
45.5	115.3	13306.9	175.0	-57.7	-59.9	234.0	20.9	16.9	12.3	352.7	352.7	99.9	99.9	49.1	49.
48.5	121.7	14262.4	150.0	-65.6	-65.6	244.5	21.9	19.7	9.4	357.1	357.1	99.9	99.9	52.7	50.
51.4	129.7	15353.8	125.0	-71.9	-65.9	231.5	19.0	14.8	11.8	364.7	364.7	99.9	99.9	56.1	51.
55.2	136.7	16602.2	100.0	-73.4	-65.9	231.8	12.9	10.2	6.8	368.2	368.2	99.9	99.9	59.6	50.
60.0	145.7	18162.5	75.0	-67.0	-65.9	165.0	8.7	-2.7	8.3	432.4	432.4	99.9	99.9	61.5	50.
67.1	155.7	20471.9	50.0	-59.1	-65.9	117.3	6.7	-7.7	4.0	504.4	504.4	99.9	99.9	60.7	47.
78.6	165.0	23355.6	25.0	-48.6	-65.6	84.1	11.9	-11.8	-1.2	644.6	644.6	99.9	99.9	56.4	41.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 260  
STEPHENVILLE, TEXAS

7 JUNE 1978  
2300 GMT

TIME MIN	CNTCY	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIP DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	HJ RTO GM/EG	PH PCT	RANGE KM	AZ DEG
3.0	10.3	399.0	959.7	30.8	23.2	160.0	8.2	0.0	8.2	307.6	359.1	19.0	64.0	0.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	11.2	490.4	950.0	29.9	22.9	163.5	12.5	0.8	12.9	307.6	358.6	18.8	64.3	0.5	35.
1.2	13.6	727.5	925.0	27.1	21.3	163.3	13.5	0.8	13.5	307.6	358.6	17.6	70.7	1.1	35.
2.2	16.1	971.2	900.0	25.0	20.7	162.8	14.0	0.7	14.0	307.2	358.6	17.4	77.0	1.9	1.
3.1	14.5	1218.5	875.0	22.3	23.2	166.4	13.0	1.5	13.0	306.5	353.8	17.3	77.8	2.7	1.
4.2	21.0	1471.2	850.0	21.5	17.8	206.1	11.2	4.9	10.0	308.7	350.7	15.3	79.6	3.4	4.
5.5	23.5	1731.1	825.0	21.8	11.7	223.2	6.0	2.5	5.8	311.7	345.5	10.4	52.5	4.1	10.
6.9	26.1	1598.0	800.0	20.5	6.9	227.6	7.5	5.5	5.1	313.0	338.8	9.0	47.3	4.5	15.
7.7	24.7	2271.4	775.0	17.9	7.2	233.7	7.4	5.9	4.4	313.0	338.8	8.3	45.6	4.9	17.
9.6	31.3	2551.1	750.0	15.2	5.9	239.5	7.8	6.7	4.0	313.1	335.6	7.8	53.8	5.2	20.
9.4	31.9	2937.5	725.0	12.9	4.4	243.9	7.8	6.8	3.3	313.4	335.6	7.3	56.2	5.5	23.
10.5	36.7	3131.3	700.0	10.2	2.0	252.4	7.4	7.0	2.2	313.8	332.3	6.3	56.6	5.8	26.
11.5	37.4	3433.1	675.0	7.8	0.4	262.0	7.2	7.1	1.0	314.2	331.9	5.9	59.2	6.1	29.
12.7	42.3	3743.4	650.0	5.7	-4.8	257.0	7.3	7.1	1.6	315.4	327.9	4.1	46.7	6.4	33.
13.9	45.1	4063.5	625.0	4.2	-5.8	247.0	8.8	7.8	4.1	317.2	326.3	4.0	48.1	6.9	35.
15.0	49.0	4395.5	600.0	3.9	-14.4	244.5	10.8	9.8	4.7	320.2	326.8	2.1	25.6	7.5	38.
16.3	51.0	4719.4	575.0	1.0	-20.6	249.1	12.6	11.7	4.5	321.2	325.4	1.3	18.0	8.3	41.
17.7	54.1	5095.3	550.0	-0.8	-28.3	248.6	14.0	13.0	5.1	323.3	325.5	0.7	10.2	9.3	44.
19.1	57.3	5468.0	525.0	-2.3	-34.9	249.7	14.2	13.6	5.0	323.7	325.8	0.4	6.0	10.4	47.
20.4	63.4	5811.4	500.0	-4.8	-39.1	249.3	14.7	13.7	5.1	327.2	326.5	0.4	7.2	11.6	49.
21.2	61.7	6252.0	475.0	-7.7	-39.0	249.3	14.7	16.9	6.1	328.4	326.5	0.3	6.6	13.0	52.
23.7	67.1	6670.8	450.0	-9.8	-39.4	239.2	24.6	19.2	11.9	330.9	321.8	0.3	6.8	14.9	53.
25.1	70.6	7110.2	425.0	-11.9	-40.6	229.7	24.0	16.3	15.5	333.7	334.7	0.3	7.0	17.2	53.
26.9	74.1	7571.4	400.0	-15.1	-42.6	223.6	22.2	15.3	16.1	335.4	336.3	0.2	7.3	19.4	52.
28.5	77.9	8036.6	375.0	-17.9	-44.5	221.4	22.3	14.7	16.7	337.6	336.6	0.2	7.6	21.6	51.
30.4	81.6	8507.9	350.0	-22.3	-47.4	221.5	22.1	14.4	16.6	338.6	339.2	0.1	8.1	24.0	50.
32.4	85.0	9107.0	325.0	-27.5	-50.4	221.6	22.8	15.1	17.0	338.6	339.3	0.1	9.1	26.6	49.
34.6	90.0	9677.1	300.0	-32.2	-51.9	219.2	24.9	15.7	19.3	340.1	340.5	0.1	11.9	29.7	48.
37.0	94.5	10249.6	275.0	-35.0	-41.7	222.7	24.1	17.7	19.2	344.6	345.7	0.3	40.3	33.5	47.
39.4	99.2	10948.0	250.0	-40.4	99.9	222.2	21.9	16.0	17.7	346.6	349.8	95.9	99.9	37.1	7.
41.9	104.2	11653.3	225.0	-44.0	99.9	223.1	21.6	17.4	17.3	348.6	349.8	99.9	99.9	40.7	47.
44.3	109.6	12430.3	200.0	-51.8	99.9	224.2	24.6	19.9	20.5	350.7	349.9	99.9	99.9	44.7	47.
47.2	115.5	13281.5	175.0	-58.5	99.9	223.8	24.6	17.0	17.8	353.4	349.9	99.9	99.9	48.2	46.
50.5	121.8	14236.0	150.0	-64.9	99.9	223.1	20.9	17.1	15.0	358.3	349.9	99.9	99.9	53.9	47.
53.4	129.0	15326.2	125.0	-72.4	99.9	223.7	16.7	11.5	12.1	363.2	349.9	99.9	99.9	58.2	47.
56.5	136.7	16335.2	100.0	-74.1	99.9	240.4	8.4	9.0	3.4	364.2	349.9	99.9	99.9	61.2	47.
61.2	145.5	18339.0	75.0	-67.1	99.9	209.3	6.3	3.1	5.5	432.2	349.9	99.9	99.9	62.5	47.
71.8	155.0	20836.7	50.0	-58.7	99.9	98.5	8.8	-8.7	1.3	895.2	349.9	99.9	99.9	61.3	44.
84.1	144.7	25335.8	25.0	-69.6	99.9	90.1	13.0	-13.0	0.0	642.4	349.9	99.9	99.9	56.1	38.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260  
STEPHENVILLE, TEXAS

8 JUNE 1979  
300 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U CORP M/SEC	V CORP M/SEC	POT T DEG C	E POT T DEG C	MH RTO CM/KG	MH PCT	RANGE KM	AZ DEG
0.0	10.8	399.0	960.4	28.6	24.4	180.0	4.1	0.0	4.1	305.3	360.1	20.5	76.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.2	11.7	496.5	950.0	27.5	24.6	171.9	13.1	-1.8	13.0	306.1	362.6	21.0	79.9	0.4	344.
1.1	16.1	734.2	925.0	27.3	23.3	172.0	13.3	-2.0	13.2	306.4	361.0	19.9	81.7	0.9	348.
2.1	16.5	977.1	900.0	26.7	22.9	180.5	16.2	0.1	16.2	307.0	358.9	20.0	84.8	1.9	351.
3.7	19.9	1224.8	875.0	22.4	21.8	183.1	16.9	0.9	16.9	307.0	358.9	19.2	86.6	2.9	356.
4.3	21.1	1478.0	850.0	21.0	19.6	189.0	16.3	2.6	16.1	308.1	355.1	17.2	91.8	4.1	359.
5.4	21.8	1737.0	825.0	20.4	12.8	195.2	10.6	2.8	10.3	310.2	342.1	11.4	62.0	5.0	1.
6.4	26.2	2003.5	800.0	20.5	8.9	205.3	6.2	3.5	7.4	313.1	338.8	9.0	47.0	5.5	3.
7.5	26.8	2277.0	775.0	18.3	6.0	213.0	6.2	3.5	5.3	313.8	336.7	8.1	47.1	5.9	5.
8.7	31.4	2557.2	750.0	15.6	6.5	218.7	4.9	3.1	3.8	313.6	337.0	8.1	54.4	6.2	7.
9.7	34.0	2844.0	725.0	13.3	6.4	230.2	4.4	3.4	2.8	314.1	338.1	8.3	62.7	6.4	8.
10.9	36.7	3114.5	700.0	11.0	3.6	246.6	3.7	2.4	1.5	314.6	335.4	7.1	60.4	6.7	10.
12.1	39.4	3411.6	675.0	9.4	1.1	258.9	2.6	2.6	0.5	316.3	334.5	6.2	56.1	6.7	12.
13.2	42.1	3753.9	650.0	7.7	-2.5	240.6	4.9	4.3	2.4	317.7	332.5	4.9	48.1	6.9	13.
14.4	45.2	4076.1	625.0	5.1	-6.0	242.9	7.1	6.3	3.2	320.3	330.3	3.9	44.5	7.2	16.
15.4	47.9	4409.0	600.0	3.6	-14.9	257.4	7.1	7.0	1.6	320.3	326.7	2.0	24.4	7.5	19.
17.2	53.8	4753.2	575.0	1.7	-14.6	245.5	9.2	8.3	3.8	322.0	328.9	2.2	28.7	7.9	23.
18.5	53.8	5110.1	550.0	0.0	-12.2	243.6	12.0	10.8	5.3	325.1	325.6	0.5	6.9	8.6	27.
19.9	56.9	5481.3	525.0	-1.7	-37.3	245.3	12.6	12.7	4.8	326.2	327.5	0.3	4.5	9.5	31.
21.4	63.0	5867.3	500.0	-4.4	-38.6	259.6	13.3	14.9	3.8	327.6	328.6	0.3	4.8	10.4	36.
22.9	63.3	6269.9	475.0	-6.7	-39.6	269.4	17.2	16.4	6.2	329.7	330.6	0.2	5.1	11.7	40.
24.5	66.5	6689.5	450.0	-9.7	-40.9	239.5	19.3	16.6	9.8	331.1	332.0	0.2	5.7	13.4	43.
26.4	70.0	7127.9	425.0	-12.0	-38.9	230.0	20.3	15.6	13.0	332.2	334.7	0.3	6.5	15.5	45.
29.2	73.6	7589.5	400.0	-15.0	-42.5	219.5	21.5	13.7	18.6	335.9	336.3	0.2	7.6	17.8	45.
30.2	77.2	8073.9	375.0	-15.0	-41.4	213.5	22.1	11.7	17.6	338.2	337.5	0.3	11.9	19.9	44.
31.4	81.0	8584.1	350.0	-17.0	-37.0	213.2	22.1	12.1	18.5	338.1	339.8	0.4	25.4	22.4	43.
34.0	85.0	9174.5	325.0	-22.3	-35.5	213.1	21.7	11.9	18.2	340.4	342.5	0.6	41.3	25.2	42.
36.0	89.2	9698.8	300.0	-30.9	-32.3	210.6	21.1	12.7	21.6	342.2	344.3	0.5	51.2	27.9	41.
38.1	93.3	10311.4	275.0	-35.1	-43.1	212.2	22.7	12.7	20.1	344.3	345.5	0.3	43.7	31.0	40.
40.4	94.0	10684.5	250.0	-40.2	59.9	212.0	22.3	11.0	18.9	346.4	349.5	0.9	959.9	34.1	39.
42.9	103.0	11678.5	225.0	-46.2	97.9	216.9	25.5	15.3	20.4	347.7	349.9	59.9	999.9	37.6	39.
45.5	108.4	12450.8	200.0	-53.0	97.9	214.3	28.1	16.4	23.1	348.8	349.9	99.9	999.9	41.8	38.
48.5	114.2	13300.3	175.0	-55.0	59.9	213.2	28.7	15.7	24.0	352.8	359.9	99.9	999.9	47.2	36.
51.4	120.5	14256.1	150.0	-65.0	99.9	222.7	18.9	10.1	11.0	358.2	369.9	99.9	999.9	51.5	38.
54.8	127.3	15365.4	125.0	-72.9	99.9	219.7	16.4	10.5	12.6	363.7	369.9	99.9	999.9	57.1	34.
58.4	135.3	16650.0	100.0	-73.5	59.9	210.1	5.5	4.8	9.2	365.3	369.9	99.9	999.9	57.1	34.
62.7	144.3	18366.9	75.0	-65.4	99.9	147.1	7.3	-4.1	6.3	427.4	369.9	99.9	999.9	58.2	37.
70.0	154.7	20830.9	50.0	-57.8	59.9	56.8	10.1	-10.0	1.2	501.2	369.9	99.9	999.9	57.3	34.
82.6	165.0	25304.7	25.0	-45.2	59.9	999.9	99.9	99.9	99.9	643.3	369.9	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260  
 STEPHENVILLE, TEXAS

 8 JUN 1979  
 05 GMT

TIME MIN	CNCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	J-COMP M/SEC	V-COMP M/SEC	POT 1 DEG C	POT 2 DEG C	MR RTO CM/KG	MM PCY	RANGE KM	AZ DEG
0.0	9.5	399.0	962.2	24.4	23.4	190.0	6.2	1.1	6.1	300.5	351.3	19.2	96.0	0.0	0.
99.9	99.9	99.9	1070.0	94.9	99.9	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	10.7	511.6	650.0	24.3	24.1	155.7	11.6	3.1	11.1	301.5	355.4	20.3	99.7	0.3	364.
1.3	13.1	743.6	625.0	22.1	22.1	183.1	14.3	2.3	14.2	301.5	357.7	18.4	103.8	0.9	3.
7.1	15.4	988.3	633.0	20.8	20.7	192.7	17.7	3.7	16.3	302.5	369.4	17.4	96.9	1.6	6.
3.1	15.4	1229.0	675.0	20.5	19.6	159.9	15.3	5.0	18.5	305.1	350.0	16.7	96.9	2.7	10.
4.4	23.5	1491.4	650.0	22.1	15.7	191.5	15.3	3.2	15.6	309.2	366.2	13.3	67.1	3.7	12.
5.5	23.0	1740.6	625.0	20.2	12.2	188.6	13.1	2.0	13.2	310.1	360.4	10.9	57.9	4.8	11.
6.7	25.6	2036.3	600.0	20.1	1.9	192.9	9.0	2.0	8.7	312.4	328.7	5.5	26.8	5.5	11.
7.9	25.2	2270.7	750.0	18.2	-3.5	167.4	8.5	2.7	8.5	313.2	327.2	4.8	28.3	6.1	11.
9.3	33.4	2550.1	750.0	16.5	-4.4	206.9	8.3	3.8	7.4	318.2	325.7	3.7	23.6	6.8	12.
13.1	33.6	2946.6	725.0	15.0	-7.3	222.2	4.7	2.6	3.1	318.5	325.4	3.1	21.1	7.2	13.
11.1	36.3	3142.3	700.0	13.8	-5.2	216.2	3.4	2.5	1.9	318.5	329.3	3.7	27.7	7.3	15.
12.4	39.1	3446.3	675.0	10.4	-9.0	221.8	5.1	3.4	3.8	317.2	326.8	3.1	26.4	7.6	16.
13.6	41.9	3759.0	650.0	8.1	-9.9	217.1	6.5	3.9	5.1	318.2	326.8	2.8	26.5	7.9	17.
14.9	44.9	4081.0	625.0	5.1	-14.1	215.4	6.5	5.3	6.4	318.3	324.9	2.1	23.4	8.5	18.
16.3	47.4	4413.0	600.0	3.3	-20.8	226.0	9.7	6.9	6.7	320.6	324.0	1.2	15.0	9.2	20.
17.7	53.4	4757.4	575.0	2.3	-43.5	229.6	10.7	6.2	7.0	322.7	323.0	0.1	1.0	10.0	23.
19.2	51.4	5114.2	550.0	-0.1	-43.0	224.2	12.6	8.8	9.0	321.4	324.2	0.1	1.0	10.8	25.
20.4	57.0	5486.8	525.0	-2.5	-41.5	220.8	11.0	7.4	8.4	325.4	325.6	0.1	1.0	11.8	26.
21.6	63.1	5870.1	500.0	-4.9	-44.4	215.7	8.5	5.7	6.8	327.1	327.6	0.1	2.7	12.4	27.
23.4	65.6	6370.7	475.0	-6.3	-45.8	216.6	8.9	5.3	7.1	327.7	329.1	0.4	8.9	13.4	28.
25.0	67.0	6677.7	450.0	-11.4	-41.2	215.9	9.3	5.4	7.5	328.5	329.7	0.2	6.4	14.1	29.
26.6	73.4	7124.0	425.0	-14.4	-41.8	209.4	14.1	6.9	12.3	330.2	337.3	2.0	69.6	15.3	29.
28.1	74.0	7581.1	400.0	-17.4	-47.5	212.6	15.3	10.4	16.2	332.4	340.4	2.4	99.6	17.0	29.
30.3	77.7	8062.3	375.0	-21.1	-41.3	213.9	19.7	11.0	16.3	333.7	319.9	1.9	98.2	19.4	29.
32.1	81.6	8569.7	350.0	-27.6	-47.2	207.3	21.7	10.0	19.3	336.5	341.1	1.2	72.2	21.8	30.
34.2	85.7	9107.9	325.0	-31.1	-47.7	198.3	23.9	7.5	22.7	339.3	340.8	0.2	15.1	24.5	29.
36.1	89.8	9690.2	300.0	-31.1	-47.3	195.0	24.2	6.3	23.3	341.6	347.6	0.3	27.3	27.2	29.
38.3	94.3	10292.9	275.0	-34.4	-47.3	199.5	22.1	7.3	22.8	344.6	346.8	0.2	28.2	30.1	26.
40.5	99.0	10949.0	250.0	-40.4	-59.9	203.7	22.1	9.3	21.1	346.0	399.9	99.9	99.9	33.3	26.
43.0	108.0	11656.7	225.0	-48.5	-59.9	207.7	24.3	11.7	22.4	347.2	399.9	99.9	99.9	36.8	26.
45.4	124.7	12427.3	200.0	-52.8	-59.9	215.8	26.1	16.4	22.8	349.2	399.9	99.9	99.9	41.4	27.
49.5	115.3	13278.9	175.0	-57.4	-59.9	206.7	21.5	9.7	19.2	350.2	399.9	99.9	99.9	45.7	27.
51.5	121.7	14234.4	150.0	-65.1	-59.9	193.9	15.1	4.6	18.5	358.6	399.9	99.9	99.9	49.1	26.
53.4	124.7	15229.9	125.0	-72.4	-59.9	217.0	16.3	9.8	13.0	363.5	399.9	99.9	99.9	53.2	26.
59.3	146.7	16627.3	100.0	-76.4	-59.9	182.9	7.3	0.4	7.3	390.1	399.9	99.9	99.9	57.5	25.
64.9	145.7	18170.1	75.0	-64.7	-99.4	130.5	6.4	-6.4	5.3	437.3	399.9	99.9	99.9	56.6	22.
72.5	155.5	20418.8	50.0	-58.3	-99.4	87.6	10.3	-10.3	-0.4	506.2	399.9	99.9	99.9	53.2	12.
86.2	163.7	23284.7	25.0	-52.1	-99.4	88.0	18.3	-18.3	-0.6	635.3	399.9	99.9	99.9	53.2	12.

 9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 9 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 268  
 STEPHENVILLE, TEXAS

 8 JUNE 1975  
 1105 GMT

TIME MIN	CHTCT	WEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT P DEG K	E POT Y DEG K	MR RTO GM/KG	MR PCT	RANGE KM	AZ DEG
0.0	11.3	396.0	963.3	24.0	23.0	180.0	7.7	0.0	7.7	300.4	352.1	19.7	90.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	12.5	521.1	975.0	22.0	21.1	181.5	5.7	0.3	9.7	300.2	347.5	17.9	90.1	0.0	308.
1.3	10.9	750.3	925.0	21.7	21.7	184.2	14.5	1.1	14.5	301.2	347.1	18.0	101.0	0.9	356.
2.7	17.3	992.9	900.0	20.3	20.3	183.4	16.2	3.0	15.0	302.4	347.4	16.9	100.7	1.9	2.
3.1	19.8	1237.3	875.0	19.9	19.9	202.6	12.6	6.0	14.4	304.2	350.2	17.0	100.7	2.7	7.
4.0	2.2	1437.9	850.0	18.1	18.0	207.9	15.2	7.1	13.5	305.2	347.1	15.5	99.4	3.5	14.
5.0	25.9	1744.5	825.0	17.1	17.0	209.7	15.3	7.6	13.3	304.2	347.5	15.0	99.6	4.3	15.
5.9	27.3	2007.9	800.0	16.2	9.7	211.2	12.1	6.3	10.4	310.2	339.0	10.1	61.7	5.1	17.
7.0	29.9	2270.6	775.0	15.3	-37.4	208.0	8.5	3.6	7.7	313.2	319.2	0.2	1.3	5.7	19.
8.2	32.6	2559.2	750.0	14.2	-38.4	205.1	9.3	3.9	8.4	315.3	315.2	0.2	1.0	6.4	19.
9.3	35.0	2866.5	725.0	13.0	-40.7	201.1	6.8	2.5	6.4	316.2	316.5	0.1	1.0	6.9	20.
10.4	37.0	3141.7	700.0	12.5	-42.3	200.8	7.1	2.5	6.6	316.2	316.8	0.1	1.0	7.3	20.
11.5	42.7	3445.6	675.0	11.4	-42.9	215.7	8.0	4.7	6.5	318.4	319.9	0.1	1.0	7.8	20.
12.6	41.6	3750.6	650.0	9.6	-44.6	223.7	9.0	6.6	7.1	316.7	319.1	0.1	1.0	8.4	22.
13.7	40.4	4041.2	625.0	6.9	-45.7	221.4	10.6	7.0	7.9	320.2	320.7	0.1	1.0	9.0	23.
15.0	45.3	4314.2	600.0	3.6	-47.2	218.1	10.4	9.6	8.6	320.2	320.6	0.1	1.0	9.6	24.
16.4	52.4	4757.6	575.0	1.1	-48.2	212.7	9.0	5.3	8.2	321.2	321.6	0.1	1.0	10.6	25.
17.8	55.4	5113.3	550.0	-1.0	-50.6	203.3	9.2	4.6	8.4	322.9	323.1	0.1	1.0	11.4	26.
19.1	59.5	5482.7	525.0	-3.0	-51.9	192.2	9.3	2.0	9.1	324.2	325.3	0.1	1.0	12.3	25.
20.7	61.8	5867.3	500.0	-5.0	-53.1	189.7	8.9	1.5	8.0	326.6	327.1	0.1	1.0	13.0	24.
21.9	63.0	6267.4	475.0	-8.6	-55.2	182.1	6.6	1.2	8.5	327.4	327.5	0.0	1.0	13.7	24.
23.3	65.4	6653.6	450.0	-12.5	-58.5	191.1	10.0	1.9	9.8	327.4	330.3	0.0	24.7	15.3	23.
24.8	71.9	7120.6	425.0	-12.2	-58.5	191.1	10.0	1.9	12.8	327.4	330.3	0.0	92.9	15.4	22.
26.4	74.4	7579.7	400.0	-16.6	-58.5	190.0	13.5	4.4	13.5	332.8	341.9	2.0	95.1	16.7	22.
29.0	79.1	8362.1	375.0	-20.2	-58.5	201.9	17.7	6.6	16.4	336.4	341.5	1.9	94.8	18.2	22.
29.6	81.0	8569.7	350.0	-24.3	-58.5	201.1	17.2	7.3	15.6	336.4	340.4	1.3	92.8	19.9	22.
31.3	87.0	9106.2	325.0	-28.3	-58.5	212.9	18.2	9.9	15.3	337.7	341.2	1.0	86.1	21.7	23.
33.2	91.2	9576.2	300.0	-31.5	-58.5	207.2	21.6	9.8	19.2	341.0	343.4	0.7	72.3	23.9	24.
35.5	95.5	10287.5	275.0	-35.7	-51.5	201.1	22.3	8.0	20.8	343.2	344.0	0.1	18.2	27.0	23.
38.0	103.2	10943.4	250.0	-40.7	-59.9	207.2	22.2	10.2	19.7	345.2	349.5	99.9	999.9	30.3	23.
40.4	105.0	11650.7	225.0	-46.3	-59.9	208.6	24.0	11.8	20.8	347.6	349.5	99.9	999.9	33.8	24.
43.4	113.3	12421.8	200.0	-52.4	-59.9	217.7	27.6	16.9	21.9	349.7	349.5	99.9	999.9	38.2	25.
46.8	116.0	13274.4	175.0	-57.3	-59.9	209.0	18.4	5.0	16.3	353.3	349.5	99.9	999.9	43.0	27.
50.4	122.3	14230.9	150.0	-64.9	-59.9	189.3	19.3	3.1	19.0	358.3	349.5	99.9	999.9	50.6	25.
53.9	129.3	15124.8	125.0	-71.3	-59.9	208.0	14.2	6.7	12.6	365.5	349.5	99.9	999.9	52.7	24.
58.3	137.0	16229.9	100.0	-75.0	-59.9	177.0	12.1	-0.6	12.1	382.5	349.5	99.9	999.9	56.5	23.
64.2	146.0	18121.8	75.0	-88.4	-59.9	137.1	6.7	-5.9	6.3	429.2	349.5	99.9	999.9	55.0	18.
72.0	150.5	20409.9	50.0	-98.1	-59.9	93.8	12.0	-12.0	0.8	506.2	349.5	99.9	999.9	55.0	18.
85.2	149.0	25306.9	25.0	-98.5	-59.9	70.0	13.1	-12.9	-2.9	645.3	349.5	99.9	999.9	51.6	8.

 0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 281  
 DEL VALLE, TEXAS

 7 JUN 1979  
 14.3 GMT

153 10. 8

TIME MIN	CHCY	HEIGHT GPM	WINDS MB	TEMP DEG C	WIND DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PGT T DEG K	E POT T DEG K	WIND CH/KG	RM PCT	RANGE KM	AI DC
0.0	0.0	314.0	970.0	74.7	74.7	0.0	0.7	-5.1	4.3	302.4	309.0	17.0	77.0	0.0	0.0
00.9	00.9	99.9	1000.0	74.7	74.7	0.0	0.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	00.9	99.9	975.0	74.7	74.7	0.0	0.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	00.9	99.9	950.0	74.7	74.7	0.0	0.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	10.6	502.3	925.0	21.7	21.7	183.7	9.7	-2.7	7.3	301.4	311.1	18.0	64.4	0.2	319
1.1	12.7	718.0	925.0	21.7	21.7	183.7	9.7	-2.7	9.3	301.4	311.1	18.0	64.4	0.2	319
2.0	10.0	975.1	900.0	22.3	22.3	180.7	10.7	0.1	10.7	304.2	350.4	17.2	69.6	0.5	341
2.8	17.1	1221.5	875.0	22.3	22.3	180.4	10.4	1.9	11.5	307.5	350.3	15.9	61.1	1.6	350
3.0	19.3	1473.9	850.0	20.0	20.0	197.7	10.5	3.3	10.4	308.5	350.3	13.8	74.8	2.2	357
4.0	21.5	1731.1	825.0	20.0	20.0	208.3	8.2	3.9	7.2	310.7	342.4	11.4	59.0	2.0	2
5.0	23.9	1999.3	800.0	19.0	19.0	218.7	5.5	3.4	4.3	312.1	339.3	5.8	54.2	3.1	6
6.0	26.2	2272.1	775.0	17.6	17.6	225.2	5.0	3.5	3.5	312.6	339.3	7.6	46.5	3.4	9
8.1	24.5	2551.4	750.0	15.0	15.0	246.6	4.6	4.4	1.9	312.5	331.0	6.2	43.5	3.6	13
9.2	31.9	2437.2	725.0	12.4	12.4	258.4	5.6	5.5	1.1	313.5	329.0	5.7	40.0	3.8	17
10.6	31.4	3130.5	700.0	10.0	10.0	259.0	7.1	7.0	1.3	313.6	329.1	5.3	47.7	4.0	21
11.5	35.9	3431.9	675.0	8.4	8.4	261.1	9.0	9.6	1.5	315.5	328.4	4.5	43.5	4.3	32
12.6	38.4	3741.5	650.0	6.5	6.5	265.5	12.0	12.5	1.0	316.3	327.5	3.7	39.4	4.8	36
13.7	40.9	4063.4	625.0	4.2	4.2	264.4	13.4	13.3	1.3	317.2	327.1	3.2	36.1	5.4	43
14.9	41.5	4394.3	600.0	1.3	1.3	253.7	13.6	13.1	3.0	317.7	328.4	3.6	30.7	6.2	49
16.1	40.1	4735.6	575.0	-0.4	-0.4	251.9	13.2	12.5	4.1	319.5	325.0	1.7	26.8	7.1	52
17.3	41.9	5090.5	550.0	-1.4	-1.4	249.4	11.0	11.1	4.2	322.5	326.7	1.3	20.3	8.0	54
18.6	51.7	5460.0	525.0	-3.3	-3.3	237.1	12.7	10.7	6.9	324.7	326.7	0.7	12.8	8.9	55
20.0	54.4	5744.0	500.0	-5.2	-5.2	233.9	15.9	12.9	9.4	326.7	327.8	0.3	5.8	10.1	55
21.4	57.4	6062.6	475.0	-7.9	-7.9	227.6	17.2	12.7	11.6	329.3	327.8	0.3	7.3	11.5	57
22.9	60.4	6462.6	450.0	-11.1	-11.1	224.0	16.5	11.5	11.9	329.3	330.0	0.2	5.8	13.0	53
24.5	61.5	7099.5	425.0	-14.2	-14.2	224.4	17.0	11.9	12.1	330.2	331.4	0.2	5.5	14.5	52
26.2	61.6	7594.2	400.0	-15.0	-15.0	223.3	18.4	13.4	13.6	335.5	336.0	0.1	4.2	16.1	51
28.0	73.0	8047.4	375.0	-18.4	-18.4	224.9	18.9	13.4	13.4	337.2	337.8	0.1	4.7	19.3	51
29.6	73.6	8523.3	350.0	-22.7	-22.7	222.2	19.6	13.1	14.5	338.2	338.8	0.1	7.5	20.4	50
31.7	77.0	9092.1	325.0	-27.0	-27.0	216.0	18.2	11.1	15.2	339.6	339.9	0.1	8.0	22.0	49
35.7	83.7	9664.3	300.0	-31.5	-31.5	210.9	20.8	12.5	16.6	341.0	341.5	0.1	11.2	24.0	48
37.9	84.7	10374.7	275.0	-35.3	-35.3	214.2	20.6	14.5	22.0	344.1	344.4	0.1	12.3	27.0	46
40.5	93.2	11640.1	250.0	-40.4	-40.4	213.0	20.6	14.1	22.3	346.0	346.0	99.9	99.9	31.2	45
41.3	97.8	12405.8	225.0	-46.7	-46.7	210.5	27.0	14.1	23.9	348.8	349.9	99.9	99.9	35.3	43
46.2	102.9	13281.6	200.0	-53.3	-53.3	212.6	24.0	12.9	20.2	349.4	349.4	99.9	99.9	39.0	42
49.3	104.3	14713.0	175.0	-61.1	-61.1	216.4	17.0	15.9	9.9	356.3	359.9	99.9	99.9	41.1	42
53.2	111.5	15307.1	150.0	-72.4	-72.4	214.9	12.3	7.0	10.1	362.1	362.1	99.9	99.9	46.4	42
57.4	120.7	16087.9	100.0	-73.2	-73.2	202.4	12.6	4.0	11.6	366.3	366.3	99.9	99.9	52.8	42
63.0	129.3	16180.2	75.0	-64.5	-64.5	139.0	7.2	-5.0	9.4	429.4	429.4	99.9	99.9	54.5	40
70.5	150.7	20133.7	50.0	-97.0	-97.0	110.0	11.0	-10.3	3.7	507.4	509.9	99.9	99.9	53.4	36
82.4	157.0	24102.5	25.0	-47.1	-47.1	99.3	16.0	-13.8	2.4	649.3	649.3	99.9	99.9	45.7	27

 0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261  
 DEL RIO, TEXAS

 7 JUNE 1979  
 1705 GMT

183 10. 0

TIME UT	CNTCT	WEIGHT GPM	PRES IN	TEMP DE C	DEW PT DE C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DE C	E POT 1 DE C	HF RTD C/K	RM PCF	RANGE KM	AZ DG
0.0	0.1	314.0	970.7	27.6	23.4	150.0	6.7	-3.4	5.0	303.2	354.2	19.0	77.0	0.0	0.
0.9	0.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.5	9.7	503.4	950.0	25.2	22.8	148.3	7.2	-3.0	6.2	302.8	352.8	18.8	88.0	0.3	129.
1.2	11.7	740.1	925.0	22.8	22.0	150.4	7.6	-3.7	6.6	302.2	351.4	18.4	95.8	0.6	128.
2.0	13.7	980.0	900.0	21.3	20.3	171.5	7	-1.1	6.6	305.2	351.2	18.9	83.7	0.9	132.
2.5	15.7	1227.2	875.0	21.6	17.3	191.3	1.1	2.1	9.8	308.3	347.9	18.4	68.1	1.4	143.
3.7	17.9	1480.8	850.0	22.5	14.0	204.3	4.2	3.8	8.4	309.6	345.1	12.7	62.3	1.6	153.
6.7	19.9	1740.8	825.0	22.1	12.1	224.5	2.7	4.0	8.0	311.8	343.6	11.2	55.1	2.2	0.
5.6	22.0	2007.0	800.0	20.8	9.2	237.6	3.1	2.0	2.0	313.3	337.9	8.6	44.3	2.3	5.
6.6	24.3	2281.5	775.0	18.4	6.2	235.8	3.1	2.2	1.7	313.4	333.1	6.7	39.2	2.6	9.
7.6	26.5	2561.3	750.0	15.7	2.8	240.3	3.0	2.4	1.5	313.4	332.0	6.3	42.0	2.6	11.
8.6	28.7	2847.9	725.0	13.4	0.3	250.7	4.5	4.2	1.5	314.1	330.1	5.4	40.7	2.7	15.
9.7	31.1	3142.7	700.0	11.5	-2.5	261.7	6.5	6.4	0.8	315.2	328.9	4.6	37.5	2.9	21.
10.9	33.5	3463.4	675.0	9.9	-4.9	264.1	8.3	6.2	1.0	316.7	329.0	4.1	36.0	3.1	29.
12.0	36.0	3757.4	650.0	7.3	-5.1	265.9	11.5	11.5	0.0	317.2	329.3	4.0	41.0	3.6	40.
13.1	38.4	4079.2	625.0	0.6	-3.7	264.9	12.2	12.1	1.1	317.2	331.9	4.7	54.0	4.2	48.
14.3	41.2	4410.6	600.0	2.0	-5.1	251.7	12.7	12.1	4.0	318.2	331.0	4.4	59.4	4.9	53.
15.4	43.9	4752.7	575.0	-0.6	-7.8	248.4	11.8	11.0	4.3	319.2	330.7	3.7	50.2	5.0	55.
16.8	46.7	5107.5	550.0	-2.0	-15.6	239.4	11.7	10.0	5.9	321.7	328.3	2.1	34.4	6.7	57.
18.2	49.6	5476.6	525.0	-2.2	-29.2	230.9	12.6	8.9	8.1	323.6	326.9	0.7	11.3	7.7	56.
19.4	52.5	5860.8	500.0	-5.9	-30.5	233.3	15.0	12.0	8.9	327.5	326.7	0.2	4.1	8.7	56.
20.7	55.6	6260.6	475.0	-8.2	-32.6	228.8	15.7	11.8	10.3	327.6	326.5	0.2	4.1	9.9	55.
22.2	58.9	6677.8	450.0	-10.7	-31.7	221.4	17.6	11.6	13.2	329.2	330.4	0.2	5.6	11.4	54.
23.6	62.1	7118.9	425.0	-12.9	-37.5	215.0	18.9	11.1	15.4	329.2	332.9	0.1	3.4	12.9	52.
25.0	65.7	7578.0	400.0	-14.7	-48.3	212.7	18.6	10.1	15.7	332.2	336.3	0.1	3.8	14.6	52.
27.1	69.3	8061.6	375.0	-17.7	-51.0	206.0	17.8	8.0	15.8	330.3	338.5	0.1	3.6	16.3	48.
29.4	73.2	8573.3	350.0	-22.1	-51.9	210.5	19.3	9.8	16.6	330.6	339.4	0.1	4.7	18.4	45.
31.4	77.2	9112.3	325.0	-27.0	-53.4	207.0	19.5	6.9	17.4	339.2	342.1	0.1	6.0	20.3	44.
33.7	81.5	9689.7	300.0	-31.1	-55.8	203.3	24.2	9.4	22.3	341.6	342.1	0.2	21.4	22.7	42.
37.1	86.0	10247.3	275.0	-34.1	-47.0	211.1	25.7	13.2	22.0	345.6	346.2	0.2	25.5	25.9	40.
39.4	91.0	10930.5	250.0	-40.1	59.9	212.2	25.8	13.8	21.9	348.4	349.9	0.9	999.9	29.6	39.
41.7	96.4	11672.1	225.0	-44.8	59.0	206.5	23.3	10.4	20.8	348.0	349.9	0.9	999.9	32.9	38.
44.3	101.6	12439.9	200.0	-52.6	59.9	204.7	23.4	9.8	21.3	349.2	349.9	0.9	999.9	36.9	37.
46.3	107.2	13192.6	175.0	-57.1	59.9	205.3	23.3	9.9	21.0	350.7	349.9	0.9	999.9	39.7	36.
48.5	114.0	14254.5	150.0	-64.4	99.0	218.6	18.3	11.4	14.3	359.1	355.9	0.9	999.9	43.4	35.
51.0	121.0	15354.6	125.0	-72.1	99.0	218.6	18.3	7.4	12.7	364.4	360.0	0.9	999.9	47.0	34.
53.1	128.7	16446.7	100.0	-72.8	99.9	210.3	14.7	4.3	11.1	368.6	369.9	0.9	999.9	50.5	35.
55.1	137.0	17442.3	75.0	-68.4	99.9	141.0	8.0	-0.9	6.2	424.2	369.9	0.9	999.9	52.2	34.
57.5	145.7	20342.5	50.0	-55.4	99.9	111.7	10.8	-10.0	4.0	803.7	369.9	0.9	999.9	51.8	29.
59.0	150.7	25315.7	25.0	-68.0	99.9	104.2	14.5	-10.0	4.0	644.7	369.9	0.9	999.9	49.8	28.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261  
 DEL RIO, TEXAS

 7 JUNE 1979  
 2005 GMT

TIME MIN	CNTCT	WRIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND CM/SEC	WIND KPH	WIND KPH	WIND KPH	WIND KPH
0.0	1.8	314.0	949.7	21.1	23.5	150.0	6.7	-3.4	5.0	306.5	358.7	19.2	64.0	0.0	0.0	0.0
99.9	96.9	30.0	1000.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	575.0	99.9	59.9	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	11.4	498.0	950.0	20.2	22.8	149.6	5.8	-4.9	0.4	305.2	256.3	18.7	72.5	0.4	329.0	0.4
1.4	13.5	735.3	925.0	26.4	22.2	149.0	9.4	-5.4	7.7	306.4	358.4	18.6	77.6	0.8	329.0	0.8
2.3	15.6	977.5	900.0	24.1	21.0	149.5	8.5	-5.4	6.6	306.4	358.4	17.7	82.6	1.3	326.0	1.3
3.1	17.8	1224.2	875.0	21.6	20.3	147.1	7.3	-4.1	5.3	306.2	353.4	17.5	82.7	1.7	325.0	1.7
4.1	20.1	1476.4	850.0	21.5	16.0	163.3	3.9	0.3	7.5	308.7	340.3	13.6	70.8	2.1	327.0	2.1
5.0	22.3	1736.8	825.0	22.6	8.5	250.2	1.6	1.5	0.4	312.5	330.9	8.5	40.6	2.1	329.0	2.1
6.9	24.5	2003.8	800.0	20.5	5.2	250.2	1.7	1.6	0.6	313.7	331.8	7.0	36.4	2.1	331.0	2.1
8.9	26.8	2276.8	775.0	18.5	3.0	231.0	2.5	2.0	1.5	313.7	331.8	6.1	35.5	2.1	331.0	2.1
10.0	29.2	2557.1	750.0	16.6	0.7	280.4	4.5	4.4	-0.8	314.6	330.5	5.4	31.9	2.0	339.0	2.0
11.1	31.9	2844.6	725.0	14.4	-2.4	290.5	7.9	7.1	-3.5	315.2	328.6	4.5	31.5	1.8	347.0	1.8
12.7	34.9	3140.0	700.0	12.6	-4.7	288.5	5.1	6.4	-2.9	316.4	328.2	3.9	28.6	1.5	350.0	1.5
13.3	37.9	3444.5	675.0	10.5	-1.6	270.3	6.4	8.4	2.0	317.5	333.4	5.1	42.9	1.6	350.0	1.6
14.5	40.9	3747.5	650.0	7.9	-1.9	253.4	9.9	9.5	2.0	317.5	333.4	5.1	42.9	1.6	350.0	1.6
15.6	43.9	4079.0	625.0	5.5	-6.8	253.4	11.8	11.4	3.1	318.6	330.1	3.7	40.8	2.6	350.0	2.6
16.4	46.6	4411.9	600.0	2.5	-6.7	253.4	10.8	10.5	2.7	319.1	330.9	3.0	50.3	3.4	350.0	3.4
17.2	49.2	4755.2	575.0	0.6	-11.3	248.5	9.9	8.8	4.6	320.7	328.6	2.8	40.5	4.0	350.0	4.0
18.0	52.0	5110.3	550.0	-2.2	-15.3	231.7	11.4	8.3	7.0	321.2	328.3	2.1	36.2	4.8	350.0	4.8
19.2	54.9	5462.5	525.0	-3.6	-20.9	220.6	11.4	8.3	7.0	321.2	328.3	2.1	36.2	4.8	350.0	4.8
20.6	57.7	5814.8	500.0	-5.8	-22.8	217.0	12.9	7.8	10.3	326.2	327.7	0.5	9.9	5.6	350.0	5.6
22.1	60.8	6167.0	475.0	-7.9	-32.8	213.5	15.6	8.6	16.7	330.2	332.1	0.5	11.4	7.6	350.0	7.6
23.0	63.8	6519.3	450.0	-10.4	-32.9	211.0	15.3	10.1	16.7	330.2	332.1	0.5	11.4	7.6	350.0	7.6
24.7	66.9	6870.9	425.0	-12.2	-36.7	208.2	22.3	8.5	20.7	332.2	338.8	0.4	11.3	10.8	350.0	10.8
26.7	70.1	7222.5	400.0	-15.1	-38.7	194.3	23.3	7.3	22.1	335.4	336.6	0.3	11.2	12.7	350.0	12.7
28.6	73.6	7574.2	375.0	-18.9	-42.0	200.3	20.1	7.0	18.9	338.5	337.8	0.2	10.9	14.8	350.0	14.8
30.5	77.1	7925.9	350.0	-22.2	-42.5	193.8	18.9	6.1	17.9	338.5	337.8	0.3	13.8	16.8	350.0	16.8
32.3	80.5	8277.6	325.0	-26.9	-43.6	190.8	22.0	6.4	21.0	339.6	340.6	0.2	19.0	18.9	350.0	18.9
34.4	84.7	8629.2	300.0	-31.7	-41.6	190.8	21.7	5.9	20.6	340.7	341.9	0.2	36.8	21.3	350.0	21.3
36.5	89.8	8980.9	275.0	-35.1	-39.6	190.8	23.9	6.5	25.0	344.4	346.1	0.4	63.0	28.1	350.0	28.1
38.7	93.2	9332.6	250.0	-40.3	-39.6	190.8	25.2	6.3	24.3	348.2	348.1	99.9	99.9	27.3	28.0	27.3
41.2	97.6	9684.2	225.0	-46.1	-37.9	190.8	24.1	6.3	24.1	347.6	347.6	99.9	99.9	30.6	27.0	30.6
43.9	102.8	10035.7	200.0	-52.0	-37.9	190.8	29.5	9.8	27.9	350.4	350.4	99.9	99.9	30.3	26.0	30.3
46.9	108.2	10387.3	175.0	-57.9	-37.9	190.8	26.0	7.6	24.8	354.4	354.4	99.9	99.9	42.9	25.0	42.9
50.1	114.3	10738.9	150.0	-64.4	-37.9	207.2	17.5	8.0	15.0	359.2	359.2	99.9	99.9	46.3	24.0	46.3
54.3	121.3	11090.5	125.0	-71.5	-37.9	190.8	16.1	3.8	16.1	368.2	368.2	99.9	99.9	49.6	24.0	49.6
58.4	129.3	11442.2	100.0	-72.2	-37.9	190.8	11.1	3.3	10.6	368.2	368.2	99.9	99.9	51.8	23.0	51.8
66.4	137.5	11793.8	75.0	-67.9	-37.9	139.1	7.7	-5.1	5.8	428.6	428.6	99.9	99.9	51.8	18.0	51.8
77.8	152.5	25338.3	25.0	-68.7	-37.9	99.9	9.5	-8.8	3.6	508.2	508.2	99.9	99.9	51.4	10.0	51.4

 \* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 281  
DEL RIO, TEXAS

7 JUNE 1979  
2305 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DG M	E POT 1 DG K	MR RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	9.3	314.0	969.2	31.7	23.2	140.0	6.7	-4.3	5.1	307.6	350.8	18.9	81.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	95.5	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	55.9	59.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
0.7	10.9	494.0	925.0	29.4	24.3	141.4	10.1	-6.3	7.9	307.0	362.4	20.6	74.3	0.4	31.5
1.4	13.1	732.6	925.0	27.5	23.6	142.4	5.5	-6.0	7.8	307.4	362.1	20.2	79.4	0.9	31.8
2.1	14.3	975.8	925.0	25.0	23.2	143.3	5.2	-5.5	7.3	307.2	362.1	20.3	80.4	1.3	32.0
3.3	17.5	1227.6	875.0	22.5	22.0	142.8	6.7	-5.2	6.9	307.2	359.7	19.4	80.8	1.7	32.1
4.3	17.5	1476.6	850.0	21.6	18.0	143.2	6.6	-5.1	6.9	308.2	351.5	15.5	80.2	2.5	32.2
5.1	22.1	1716.7	825.0	23.1	6.1	148.7	5.0	-2.6	4.3	313.5	333.8	7.2	33.4	3.0	32.3
6.2	24.4	2004.1	800.0	21.9	2.6	166.6	3.2	-0.7	3.1	314.5	331.6	5.8	28.0	3.0	32.3
7.3	25.7	2278.6	775.0	15.5	0.0	208.6	1.3	0.6	1.1	314.5	329.6	5.0	27.1	3.1	32.4
8.3	29.1	2559.6	750.0	17.4	-1.6	325.7	2.4	1.4	-2.0	315.2	329.1	4.6	27.4	3.1	32.4
9.4	31.5	2847.8	725.0	15.8	-3.5	305.2	4.4	3.5	-2.6	316.2	327.7	3.5	22.8	2.8	32.5
10.6	31.9	3144.3	700.0	13.0	-3.9	272.4	4.1	4.1	-0.5	317.2	330.1	4.1	29.7	2.6	32.6
11.7	34.4	3449.2	675.0	10.4	0.6	252.9	4.4	4.2	2.5	317.7	333.9	5.4	45.9	2.5	33.2
12.9	39.0	3742.4	650.0	7.7	-2.2	245.1	6.0	5.4	2.8	319.5	335.0	5.3	57.4	2.6	35.4
14.2	41.6	4085.3	625.0	4.8	-2.0	245.6	8.1	7.6	4.4	319.4	333.6	4.7	60.1	2.9	7.
15.6	44.2	4417.9	600.0	2.9	-3.1	246.3	10.5	10.0	5.6	321.0	331.1	3.3	46.2	3.5	21.
16.6	46.9	4761.2	575.0	0.8	-3.4	244.1	12.7	11.4	5.2	322.7	325.9	0.6	10.2	4.2	29.
17.9	49.7	5117.2	550.0	-1.2	-28.7	241.6	10.5	9.6	6.5	324.3	325.4	0.4	6.9	4.9	34.
19.3	52.4	5466.4	525.0	-3.4	-34.6	229.0	10.0	7.5	9.2	326.3	326.4	0.1	1.1	5.7	35.
20.6	55.3	5770.3	500.0	-5.6	-42.4	219.9	11.9	7.7	11.7	328.2	329.7	0.2	4.8	8.2	35.
22.0	59.3	6270.6	475.0	-7.9	-47.7	216.7	14.3	8.1	13.9	329.1	329.7	0.6	17.2	9.8	36.
23.4	61.3	6677.9	450.0	-11.3	-43.6	216.5	16.2	8.8	17.5	332.1	330.0	0.6	31.8	12.1	32.
25.0	64.4	7124.5	425.0	-13.2	-39.2	207.0	19.7	8.9	20.7	335.7	339.2	1.0	60.8	14.7	29.
26.4	67.6	7565.4	400.0	-14.8	-27.8	198.1	21.7	6.7	22.2	337.	342.6	1.6	54.3	16.9	26.
29.8	71.0	8070.4	375.0	-18.5	-23.1	191.5	22.7	4.5	20.1	339.4	343.1	1.0	54.3	19.1	25.
30.6	74.4	8582.5	350.0	-21.8	-29.1	190.9	20.5	3.9	21.6	340.1	343.4	2.9	46.9	22.0	23.
32.4	74.0	9123.0	325.0	-26.5	-30.4	190.9	22.0	4.2	23.9	341.4	343.0	0.6	26.0	25.3	21.
34.5	81.7	9696.8	300.0	-30.9	-35.6	191.1	24.4	4.7	22.4	344.1	343.0	0.2	59.9	28.6	21.
36.6	85.7	10309.1	275.0	-35.2	-46.9	191.1	23.4	6.9	23.2	346.2	349.6	99.9	59.9	32.6	21.
39.2	83.8	10965.9	250.0	-40.2	-59.9	201.0	24.9	8.9	23.2	348.7	349.9	99.9	59.9	34.7	22.
41.7	94.2	11678.9	225.0	-45.6	-69.9	207.2	25.6	10.4	24.4	349.2	349.9	99.9	59.9	41.5	21.
44.5	98.8	12449.5	200.0	-52.6	-79.9	194.1	27.4	9.9	26.6	353.2	349.9	99.9	59.9	46.3	21.
47.4	104.0	13299.8	175.0	-58.4	-89.9	193.2	19.0	5.0	18.4	358.6	349.9	99.9	59.9	50.0	20.
50.7	109.5	14255.4	150.0	-64.7	-99.9	193.0	17.0	4.3	17.3	365.6	349.9	99.9	59.9	54.4	21.
54.6	115.8	15349.2	125.0	-71.5	-99.9	193.0	10.5	3.4	9.9	366.7	349.9	99.9	59.9	55.3	19.
59.1	122.0	16655.9	100.0	-73.0	-99.9	134.3	6.1	-5.8	5.6	433.0	349.9	99.9	59.9	56.3	15.
64.8	131.0	18349.5	75.0	-66.7	-99.9	102.3	9.1	-8.9	1.9	509.4	349.9	99.9	59.9	55.5	6.
73.1	141.5	20454.5	50.0	-56.9	-99.9	91.0	14.2	-14.2	6.2	642.7	349.9	99.9	59.9	55.5	6.
85.1	153.5	25344.7	25.0	-45.5	-99.9	91.0	14.2	-14.2	6.2	642.7	349.9	99.9	59.9	55.5	6.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 6 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 80 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261  
DEL RIO, TEXAS  
8 JUNE 1979  
205 GMT

TIME JUN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT S DEG K	E POT T DEG K	MP RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	9.1	314.0	970.2	25.4	23.5	130.0	5.1	-3.9	3.3	305.3	354.1	19.0	70.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	10.4	502.6	950.0	28.6	26.3	151.0	11.1	-5.3	9.8	306.3	361.4	20.5	77.5	0.6	324.
1.5	13.1	740.5	925.0	26.9	24.6	155.7	13.0	-5.4	11.9	306.8	358.1	1.0	77.3	1.0	330.
2.3	15.4	983.1	900.0	24.9	21.3	159.3	12.0	-4.5	11.9	307.1	356.0	18.0	80.6	1.7	333.
3.3	17.7	1230.9	875.0	22.6	21.3	161.5	12.9	-4.1	12.2	307.3	357.6	18.6	82.9	2.9	336.
4.2	20.1	1481.4	850.0	20.6	20.2	158.4	13.5	-4.9	12.5	307.6	356.3	17.8	82.2	3.1	337.
5.2	22.4	1742.7	825.0	18.6	19.0	153.6	12.9	-5.7	11.6	308.7	352.5	18.0	83.7	3.9	337.
6.3	24.8	2007.8	800.0	16.6	18.3	151.8	12.9	-4.5	8.4	311.0	345.1	12.2	71.9	4.7	336.
7.4	27.3	2281.4	775.0	14.6	16.0	133.9	11.1	-3.7	3.5	315.1	330.0	5.0	26.8	5.1	335.
8.5	29.8	2562.4	750.0	12.3	13.3	69.7	2.2	-2.2	-0.8	315.4	330.6	5.1	30.9	5.3	334.
9.6	32.3	2850.0	725.0	10.4	-2.9	87.9	1.2	-1.2	-0.8	316.4	329.5	4.3	27.9	5.3	333.
10.7	34.6	3147.3	700.0	8.3	-0.5	172.4	3.2	-0.4	3.2	317.5	333.1	5.3	38.0	5.4	333.
11.9	36.4	3457.0	675.0	6.3	0.1	170.0	4.7	0.8	4.6	317.4	334.5	5.7	46.4	5.7	335.
13.1	38.1	3785.1	650.0	4.3	1.2	220.4	4.5	2.9	3.4	317.6	336.8	6.5	65.9	5.9	337.
14.3	40.5	4087.6	625.0	2.4	-0.6	242.4	5.7	5.0	2.6	318.5	336.2	5.9	73.7	6.0	340.
15.5	42.6	4420.1	600.0	0.4	-1.6	248.2	7.6	7.0	2.8	318.9	335.7	5.6	73.7	6.0	340.
16.7	44.4	4763.2	575.0	-2.7	-3.5	244.4	10.5	9.4	4.5	320.3	333.7	6.4	65.6	6.1	351.
18.0	46.3	5118.2	550.0	-5.0	-5.0	237.3	11.0	9.2	5.9	320.5	335.5	4.8	64.0	6.5	354.
19.3	48.3	5496.0	525.0	-7.8	-10.6	236.8	11.4	9.6	6.2	322.5	332.7	3.2	64.5	6.9	354.
20.6	50.3	5865.0	500.0	-10.1	-10.0	218.0	11.3	7.0	8.9	323.2	334.5	3.6	86.0	7.4	359.
22.1	62.4	6265.7	475.0	-13.7	-11.7	204.6	13.2	5.4	12.0	325.8	335.4	3.0	100.2	10.0	33.
23.6	63.5	6692.1	450.0	-14.7	-11.7	204.6	17.6	7.4	16.2	328.8	339.6	3.5	100.2	10.0	33.
25.2	66.9	7118.3	425.0	-16.1	-18.9	204.1	18.5	7.5	16.9	330.1	337.0	2.1	71.2	11.7	15.
26.7	70.3	7576.8	400.0	-18.1	-25.4	158.9	20.2	6.6	19.4	331.2	335.7	1.2	52.8	13.4	16.
28.4	73.7	8055.6	375.0	-19.9	-22.5	193.0	21.4	5.1	20.8	335.2	341.0	1.7	80.0	15.5	16.
30.1	77.4	8563.2	350.0	-24.4	-31.4	197.3	20.8	6.2	19.8	335.6	338.7	0.8	51.9	17.8	15.
32.2	81.2	9101.2	325.0	-26.6	-33.6	196.0	21.7	6.8	20.9	340.5	347.5	0.7	51.3	20.6	16.
34.4	85.2	9676.0	300.0	-31.3	-38.6	189.5	22.2	3.7	21.9	341.3	343.0	0.4	46.3	23.3	15.
36.8	89.3	10284.5	275.0	-34.0	-44.3	188.6	22.4	7.1	21.2	343.6	344.1	0.3	41.7	26.4	15.
39.2	93.7	10938.7	250.0	-41.4	-59.9	205.5	25.7	11.1	23.2	346.8	349.9	99.9	999.9	30.0	16.
41.8	97.4	11644.7	225.0	-47.2	-59.9	205.3	24.2	10.3	21.9	346.8	349.9	59.9	999.9	33.8	17.
44.6	101.4	12412.3	200.0	-53.8	-59.9	167.9	27.5	8.5	26.2	347.6	349.9	99.9	999.9	37.9	18.
47.5	105.8	13251.7	175.0	-57.6	-59.9	193.2	23.2	9.3	22.6	354.8	349.9	99.9	999.9	42.8	18.
50.9	114.6	14218.8	150.0	-62.5	-59.9	175.3	16.5	-1.4	16.5	357.2	349.9	59.9	999.9	46.2	16.
54.9	121.3	15308.0	125.0	-72.7	-59.9	179.2	12.7	2.5	18.5	363.4	349.9	99.9	999.9	50.0	15.
58.9	129.3	16608.0	100.0	-74.2	-59.9	179.2	5.9	-0.1	9.9	368.4	349.9	99.9	999.9	53.8	15.
64.5	136.7	18208.8	75.0	-66.4	-59.9	127.5	9.4	-7.4	5.7	433.4	349.9	59.9	999.9	55.5	13.
72.6	15.7	20790.0	50.0	-61.3	-59.9	98.3	10.1	-10.0	1.3	499.2	349.9	59.9	999.9	56.3	9.
86.7	5.5	22222.9	25.0	-49.3	-59.9	59.9	99.9	99.9	99.9	643.1	349.9	99.9	999.9	54.6	357.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261  
DEL RIO, TEXAS

8 JUL 1979  
505 GMT

TIME MIN	CHTCV	HEIGHT GPM	WRES W	TEMP DEG C	DEP PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MZ RTO G/M/SEC	RM PCT	RANGE KM	AZ DEG
0.0	8.8	314.0	972.2	27.8	24.2	140.0	4.1	-2.6	3.1	307.4	356.6	20.0	81.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	13.8	519.4	953.0	26.1	24.5	156.3	11.8	-4.8	10.8	303.7	359.2	20.9	91.0	0.4	334.
1.5	12.9	744.6	925.0	24.8	21.5	159.0	14.5	-5.2	13.5	304.6	358.7	20.2	91.8	1.0	314.
2.3	13.1	946.6	900.0	23.5	22.2	160.0	14.4	-4.9	13.5	304.7	358.0	19.2	90.2	1.8	338.
3.3	17.4	1247.7	875.0	21.5	20.8	162.9	13.6	-4.0	13.0	305.6	354.0	18.0	90.0	2.8	339.
6.4	19.6	1494.3	850.0	15.4	19.1	167.4	13.9	-3.0	13.6	306.4	351.5	16.6	88.4	3.4	340.
5.4	21.9	1751.8	825.0	17.7	17.3	166.3	13.9	-3.3	13.5	307.2	349.0	15.3	87.2	4.3	342.
6.3	24.1	2011.7	800.0	14.0	15.6	161.0	13.8	-4.5	13.0	308.2	347.1	14.2	87.5	5.1	342.
7.2	24.5	2286.2	775.0	15.8	9.0	150.4	11.2	-6.5	11.5	310.5	338.3	9.8	80.0	5.4	342.
8.4	28.9	2585.2	750.0	15.9	-1.3	135.7	9.9	-6.9	7.1	313.5	327.7	4.7	30.7	6.6	339.
9.5	31.3	2852.6	725.0	14.8	-4.4	135.4	7.7	-5.4	5.5	315.7	327.2	3.8	26.1	7.1	337.
10.7	33.7	3148.0	700.0	12.2	-1.3	147.0	8.1	-4.4	6.8	316.0	329.0	4.3	33.7	7.6	336.
11.8	36.2	3451.5	675.0	9.9	-2.9	152.5	7.8	-3.6	6.9	316.8	333.8	4.6	40.8	8.2	336.
13.0	33.8	3763.7	650.0	6.9	-2.8	146.3	6.6	-3.7	5.9	316.6	331.3	4.8	50.1	9.7	335.
15.2	41.3	4084.8	625.0	4.0	-3.1	140.2	4.2	-2.7	3.2	317.1	331.7	4.9	59.7	9.1	335.
15.4	44.0	4415.4	600.0	1.2	-4.2	184.9	1.7	0.1	1.7	317.5	331.6	4.7	67.2	9.3	335.
18.7	44.7	4757.3	575.0	-1.4	-3.3	239.3	1.7	1.4	0.8	318.4	334.1	5.2	86.5	9.3	335.
18.0	49.4	5110.6	550.0	-2.8	-4.1	215.4	3.2	1.8	2.6	319.5	335.4	5.1	65.7	9.3	336.
19.3	52.3	5477.5	525.0	-5.1	-12.1	221.7	5.7	3.8	4.3	322.2	331.9	2.9	57.8	9.5	334.
23.8	55.1	5859.9	500.0	-7.3	-13.6	220.6	9.8	6.4	7.4	324.1	332.6	2.6	59.8	9.8	342.
32.4	59.1	6259.0	475.0	-5.9	-10.4	204.7	11.6	4.9	10.8	325.7	337.2	3.7	66.5	10.5	346.
24.1	61.1	6673.3	450.0	-11.9	-18.8	205.2	14.5	6.2	13.2	328.3	335.0	2.0	60.2	11.6	350.
25.9	64.3	7110.4	425.0	-13.6	-33.2	206.4	18.6	8.7	17.5	331.4	333.5	0.5	17.2	13.1	355.
27.8	67.5	7588.4	400.0	-17.0	-30.6	202.0	21.9	8.2	18.3	332.5	335.5	0.7	29.5	15.2	356.
29.5	70.9	8049.3	375.0	-20.6	-32.9	205.6	28.7	8.9	18.6	336.4	336.7	6.6	32.1	17.3	2.
31.5	74.3	8555.8	350.0	-24.7	-32.0	211.8	23.0	12.1	19.5	339.2	338.2	0.7	50.4	19.5	6.
31.4	77.9	9091.3	325.0	-28.6	-33.5	198.8	22.9	7.4	21.6	337.3	339.8	0.7	62.2	21.8	6.
34.4	81.6	9460.0	300.0	-33.1	-37.1	197.9	18.7	2.6	18.5	334.2	340.7	0.5	66.6	24.0	6.
37.8	85.5	10261.1	275.0	-36.9	-41.9	190.3	23.3	4.2	23.0	331.7	343.0	0.3	59.7	26.7	8.
40.0	89.7	10417.9	250.0	-42.6	-49.6	191.4	28.8	8.3	28.3	342.7	349.5	99.9	99.9	30.3	8.
42.7	94.2	11621.5	225.0	-47.9	-59.9	188.0	28.8	8.2	28.7	345.0	349.9	99.9	99.9	30.8	9.
45.4	98.8	12387.9	200.0	-53.8	-59.9	195.4	31.7	9.0	30.4	351.2	349.9	99.9	99.9	39.6	10.
48.5	104.0	13237.5	175.0	-59.6	-59.9	193.6	30.2	7.1	29.4	351.2	349.9	99.9	99.9	45.7	11.
51.5	109.5	14189.5	150.0	-65.7	-59.9	182.9	21.7	1.1	21.7	344.9	349.9	99.9	99.9	50.2	11.
55.1	118.7	15218.4	125.0	-72.3	-59.9	194.3	20.3	5.0	19.4	346.0	349.9	99.9	99.9	54.0	10.
59.2	122.7	16372.4	100.0	-75.8	-59.9	179.4	11.8	-0.1	11.8	342.6	349.9	99.9	99.9	58.1	11.
63.0	131.0	18269.3	75.0	-67.1	-59.9	106.4	8.8	-2.3	2.4	432.2	349.9	99.9	99.9	61.0	8.
72.8	141.5	20740.1	50.0	-60.7	-59.9	106.4	10.1	-9.6	2.9	888.2	349.9	99.9	99.9	60.7	5.
84.4	154.0	25165.5	25.0	-50.3	-59.9	94.2	18.7	-16.7	1.2	688.2	349.9	99.9	99.9	60.8	355.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261  
 DEL RIO, TEXAS

 6 JUNE 1979  
 0506

150 23.0

TIME MIN	CNTCY	WEIGHT GPM	PRES MB	TEMP DEG C	D.V. PT DEG C	DIR DEG	SPEED M/SEC	V COMP M/SEC	V COMP M/SEC	POT T DEG C	2 POT T DEG C	MR RTO CM/SEC	PM PCF	RANGE KM	AZ DEG
0.0	9.0	314.0	970.8	26.6	24.4	130.0	6.2	-4.7	4.0	302.3	356.0	20.3	88.0	0.0	0.
00.0	99.0	99.0	1200.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9	999.9
00.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.7	11.3	506.5	950.0	25.7	25.3	148.4	12.5	-8.6	14.0	303.2	361.4	22.0	68.1	0.5	321.
1.5	13.6	742.1	925.0	23.7	23.7	156.7	16.8	-6.7	15.5	303.6	357.9	20.4	101.3	1.3	327.
2.4	16.0	942.8	900.0	22.9	22.6	163.8	18.7	-4.4	15.1	305.1	357.7	19.6	98.7	2.2	336.
3.5	14.4	1220.3	875.0	21.3	21.0	162.0	14.5	-4.3	13.9	305.4	355.2	18.3	58.6	3.2	336.
4.3	20.8	1481.4	850.0	20.5	19.6	159.2	13.9	-4.9	3.0	307.6	354.3	17.2	94.4	3.9	337.
5.3	21.3	1730.9	825.0	18.7	17.6	158.6	13.5	-4.9	12.6	307.6	350.1	15.4	55.9	4.7	338.
6.2	25.8	2074.1	800.0	16.6	16.2	154.9	13.1	-5.6	11.9	308.5	349.3	14.7	97.4	5.4	338.
7.3	21.4	2275.5	775.0	17.8	6.5	146.0	12.5	-6.0	10.5	317.6	335.7	7.9	47.7	6.2	337.
8.2	11.0	2516.1	750.0	17.5	3.9	145.4	11.2	-6.6	9.5	315.6	335.5	6.8	40.3	6.9	336.
9.3	31.7	2844.7	725.0	15.3	1.9	138.0	5.5	-6.4	7.1	316.2	334.2	6.1	40.2	7.5	335.
10.3	36.3	3141.2	700.0	13.1	0.3	135.4	8.7	-6.1	6.2	317.0	333.7	5.4	41.4	8.1	333.
11.4	39.0	3445.9	675.0	10.7	-0.9	143.9	6.7	-4.0	5.5	317.7	333.6	5.3	44.4	8.6	332.
12.7	41.4	3750.5	650.0	8.2	-0.7	159.2	6.0	-2.1	5.6	318.3	335.1	5.6	53.3	9.9	332.
13.8	44.6	4182.4	625.0	5.5	-1.1	165.2	6.2	-1.2	6.1	318.2	335.0	5.7	62.3	9.5	333.
15.0	47.4	4419.6	600.0	3.2	-2.4	166.9	7.3	-1.7	7.2	318.7	334.9	5.4	71.7	9.9	334.
16.1	50.4	4757.2	575.0	-0.7	-1.9	156.9	5.2	-2.0	4.0	319.2	336.7	5.0	81.6	10.4	334.
17.4	43.5	5112.2	550.0	-1.6	-7.8	192.0	3.3	0.7	3.2	321.9	333.9	3.9	63.7	10.6	334.
19.7	56.5	5481.2	525.0	-3.9	-12.5	217.9	6.5	4.0	5.1	323.7	332.6	2.8	51.3	10.6	336.
21.7	62.9	6265.4	475.0	-8.0	-47.3	209.8	13.9	6.9	9.3	326.6	328.0	0.3	6.3	11.2	339.
23.4	46.1	6683.6	450.0	-10.3	-50.5	210.6	15.3	7.8	12.1	328.1	328.4	0.1	2.0	13.0	346.
27.1	69.4	7121.0	425.0	-13.6	-27.5	214.1	16.3	9.1	13.5	331.2	334.6	0.9	30.4	14.3	351.
28.0	73.1	7578.8	400.0	-16.9	-44.6	206.5	17.9	8.0	14.0	333.2	333.5	0.2	6.8	15.7	357.
29.4	74.9	8055.7	375.0	-20.3	-26.3	202.7	20.0	7.7	14.4	336.7	336.5	0.5	24.8	17.7	0.
30.8	90.7	8567.7	350.0	-23.4	-26.6	201.3	19.4	7.1	18.1	337.1	338.9	0.5	28.5	19.8	3.
32.7	84.6	9106.1	325.0	-27.5	-25.9	207.4	19.8	9.1	17.6	338.6	340.9	0.6	46.4	22.0	5.
34.4	84.8	9676.4	300.0	-32.0	-34.3	204.9	22.9	9.4	20.8	340.2	342.9	0.7	79.5	24.4	7.
37.3	93.2	10277.3	275.0	-35.8	-38.0	191.1	24.4	4.7	24.0	343.4	345.3	0.5	79.7	27.5	8.
39.4	97.8	10942.2	250.0	-41.5	-59.9	193.6	26.9	6.3	26.1	345.4	349.9	0.9	999.9	31.1	9.
42.2	102.6	11647.7	225.0	-47.7	-97.9	194.5	29.9	7.5	28.9	345.4	349.9	99.9	999.9	35.8	10.
45.7	109.0	12414.7	200.0	-53.7	-59.9	196.0	33.8	9.3	32.5	347.6	349.9	99.9	999.9	42.4	10.
49.7	113.9	13243.9	175.0	-59.6	-99.9	201.7	32.4	12.0	30.1	351.2	349.9	99.9	999.9	51.1	12.
53.1	123.0	14219.9	150.0	-64.5	-99.9	198.1	23.3	7.3	22.2	358.6	349.9	55.9	999.9	56.6	13.
57.1	127.0	15311.5	125.0	-72.9	-99.9	187.7	17.6	2.3	17.4	363.6	349.9	99.9	999.9	61.1	12.
62.4	134.7	16412.3	100.0	-73.7	-99.9	165.2	13.7	-3.9	13.2	365.2	349.9	99.9	999.9	64.3	12.
71.1	141.7	18306.5	75.0	-65.2	-99.9	118.0	8.3	-7.3	3.9	427.8	349.9	99.9	999.9	70.4	10.
82.7	151.3	20771.0	50.0	-58.0	-99.9	89.8	11.7	-11.7	-0.2	505.1	349.9	99.9	999.9	71.1	5.
101.3	163.3	25236.6	25.0	-50.1	52.9	599.9	99.9	99.9	99.9	640.1	349.9	59.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 281  
DEL RIO, TEXAS

8 JUNE 1979  
1105 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MM	TEMP DEG C	DFM PT DEG C	DIR DD	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG M	E POT 1 DEG K	MR RTO G/KG	RM PCT	RANGE AZ KM	DG
0.0	8.9	314.0	570.7	25.5	24.3	130.0	5.1	-3.9	3.3	301.2	354.1	20.1	93.0	0.0	0-
00.4	90.0	60.0	1000.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
00.9	99.9	90.0	975.0	96.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
0.8	10.7	504.0	975.0	24.6	24.6	145.0	10.4	-6.0	8.5	302.2	357.6	21.0	101.1	0.6	319.
1.6	12.8	719.0	925.0	23.4	23.4	158.3	12.7	-7.7	11.8	303.3	356.5	20.0	100.8	1.0	32.0
2.4	15.1	940.2	900.0	22.5	21.6	163.9	12.4	-2.4	12.1	303.7	354.0	19.4	94.4	1.6	311.
3.5	17.3	1226.1	875.0	21.3	19.8	165.7	11.3	-2.0	11.2	305.5	351.5	18.9	91.0	2.1	319.
4.6	19.5	1476.1	850.0	20.1	17.5	165.3	11.2	-2.9	10.9	307.2	348.3	15.1	85.2	3.0	341.
5.6	21.8	1716.1	825.0	18.4	16.3	162.6	10.8	-3.2	10.3	308.0	347.4	14.3	87.7	3.7	341.
6.6	24.1	2000.0	800.0	16.3	14.6	162.3	10.9	-3.3	10.4	308.5	346.9	13.2	89.5	4.3	342.
7.7	26.5	2270.7	775.0	14.7	14.0	161.3	14.7	-4.7	13.9	309.7	346.1	13.2	95.7	5.1	342.
8.6	29.8	2549.9	750.0	14.9	7.1	161.9	15.2	-4.2	14.6	312.8	337.4	6.6	60.3	6.7	342.
9.7	31.2	2835.9	725.0	14.3	4.1	166.5	12.4	-2.9	12.2	315.2	335.0	7.1	53.3	6.9	342.
10.9	33.6	3131.4	700.0	12.6	2.7	164.4	10.8	-2.9	10.4	318.4	336.1	6.7	70.7	7.7	343.
12.0	36.1	3436.2	675.0	10.5	1.5	162.1	11.3	-3.5	10.8	317.4	336.2	6.3	53.7	8.5	343.
13.1	38.6	3749.8	650.0	8.1	0.3	166.3	10.6	-2.5	10.3	318.2	335.2	6.0	57.9	9.2	343.
14.4	41.2	4072.0	625.0	5.1	-1.1	165.4	8.4	-2.1	8.1	318.2	335.2	5.7	64.3	9.9	343.
15.7	43.9	4404.1	600.0	2.3	-2.8	157.7	7.7	-2.9	7.1	318.8	334.5	5.2	69.9	10.5	343.
16.9	46.6	4748.3	575.0	1.5	-7.1	152.8	5.1	-2.3	4.5	321.8	334.0	3.9	52.9	11.0	341.
18.1	49.3	5104.9	550.0	-1.5	-9.8	167.1	3.2	-0.7	3.1	322.4	332.7	3.3	52.8	11.2	342.
19.5	52.1	5473.5	525.0	-4.4	-22.2	210.0	5.1	2.5	4.4	323.1	326.9	1.5	29.2	11.5	343.
20.9	55.0	5851.1	500.0	-5.2	-23.2	215.2	8.6	5.5	6.7	326.5	329.4	0.1	1.0	11.9	342.
22.3	58.0	6258.1	475.0	-7.3	-24.5	209.4	10.7	4.6	9.6	328.5	329.4	0.0	1.0	12.4	342.
23.6	61.0	6676.7	450.0	-10.4	-33.2	201.6	13.1	4.8	12.2	330.2	332.1	0.5	13.2	13.2	351.
25.1	64.1	7113.7	425.0	-14.1	-28.2	206.3	14.2	6.3	12.7	330.9	334.0	0.9	29.0	14.2	351.
26.7	67.4	7573.0	400.0	-17.5	-36.9	210.1	16.0	6.0	13.8	332.2	333.7	0.4	16.4	15.4	356.
28.3	70.7	8050.9	375.0	-21.1	-37.1	210.9	18.3	9.4	15.7	333.4	335.0	0.4	22.3	16.8	357.
30.2	74.1	8554.4	350.0	-23.6	-44.6	209.3	18.8	9.2	16.4	336.9	337.7	0.2	13.2	19.6	3-
32.1	77.7	9084.1	325.0	-27.3	-47.8	204.4	19.9	8.2	18.1	339.1	339.9	0.1	7.6	20.6	5-
34.1	81.4	9665.9	300.0	-31.5	-54.0	166.4	24.8	7.0	23.8	341.0	343.5	0.7	78.3	21.2	7-
36.1	85.3	10276.2	275.0	-36.0	-59.6	190.3	30.7	5.2	28.3	343.0	344.8	0.5	76.7	26.3	8-
38.2	89.5	10931.1	250.0	-41.5	-59.9	149.6	30.6	5.1	38.2	344.4	349.9	90.9	909.9	30.2	6-
40.7	93.8	11636.8	225.0	-47.4	93.9	193.6	31.7	7.5	30.6	347.4	349.9	90.9	909.9	34.7	8-
43.4	98.4	12804.2	200.0	-54.2	59.9	156.0	31.3	8.4	30.1	347.6	349.9	90.9	909.9	40.3	9-
46.5	103.4	13248.5	175.0	-60.3	99.9	202.8	30.6	11.9	28.4	350.2	349.9	90.9	909.9	46.2	11-
51.4	109.0	14152.3	150.0	-67.5	59.9	208.6	25.8	12.4	22.7	350.6	349.9	90.9	909.9	51.7	12-
54.0	115.0	15283.2	125.0	-71.3	97.9	184.2	14.5	1.1	14.8	363.5	349.9	90.9	909.9	56.0	13-
58.5	121.0	16553.2	100.0	-73.4	59.9	174.9	14.5	-1.3	14.4	365.8	349.9	90.9	909.9	60.1	12-
64.4	130.3	18794.1	75.0	-65.2	59.9	123.5	8.8	-7.3	4.9	421.8	349.9	90.9	909.9	62.7	11-
72.3	143.0	20761.5	50.0	-55.7	59.9	100.6	13.0	-12.7	4.4	512.1	349.9	90.9	909.9	62.7	6-
84.5	152.0	25222.9	25.0	-48.0	59.9	85.3	14.8	-14.8	-1.2	646.7	349.9	90.9	909.9	63.0	356-

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
° BY TEMP MEANS TEMPERATURE CP TIME HAVE BEEN INTERPOLATED  
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 265  
MIDLAND, TEXAS

7 JUNE 1979  
1415 GMT

150 11.0

TIME MIN	CNTCT	HEIGHT GPM	PRES MM	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DG K	POT 2 DG K	MX RTO CM/KG	AM PCF	RANGE KM	AZ DG
0.0	15.2	873.0	907.2	26.7	15.1	220.0	8.2	5.3	6.3	308.2	341.8	12.0	49.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	15.9	943.3	900.0	25.3	15.2	220.5	11.4	8.5	7.5	307.4	341.1	12.2	51.6	0.2	38.
1.1	14.3	1190.1	875.0	23.4	11.6	237.9	13.6	11.5	7.2	308.1	335.7	9.9	47.9	0.7	44.
2.1	20.7	1443.0	855.0	22.5	8.1	252.6	13.2	12.6	3.9	309.7	332.5	8.0	35.7	1.5	59.
3.1	23.2	1702.9	825.0	22.8	4.6	252.3	5.7	9.2	2.9	312.7	332.5	6.5	30.7	2.2	65.
4.7	25.6	1970.3	803.0	21.3	3.5	238.9	10.3	8.0	5.3	313.5	332.0	6.2	30.9	2.7	66.
5.7	24.1	2241.3	775.0	18.9	2.2	237.8	10.5	8.8	5.6	314.1	331.3	5.6	32.9	3.4	63.
6.4	30.7	2574.0	750.0	16.5	1.1	245.3	10.1	5.2	4.2	314.5	330.6	5.6	35.4	4.1	62.
7.5	33.3	2811.2	725.0	14.4	-5.6	253.3	6.4	8.1	2.3	315.2	325.9	3.5	26.8	4.8	63.
8.4	35.9	3106.1	700.0	12.2	-6.3	260.8	6.0	7.3	1.3	316.0	323.4	3.4	26.8	5.3	65.
10.0	31.6	3409.1	675.0	5.2	-7.8	268.9	4.9	6.9	0.4	315.5	325.6	3.1	32.0	5.9	67.
11.2	41.2	3720.1	650.0	4.5	-8.6	271.7	5.9	5.9	-0.2	316.2	325.8	3.1	32.0	6.3	68.
12.6	44.0	4000.2	625.0	4.0	-12.6	279.1	4.0	3.9	-0.6	317.0	325.3	2.3	28.5	6.7	70.
14.1	46.9	4300.8	600.0	2.1	-20.7	281.2	2.6	2.6	0.4	318.2	322.9	1.2	16.6	6.9	71.
15.4	43.8	4712.9	575.0	-0.2	-21.5	243.5	2.2	2.0	1.0	319.7	323.7	1.2	16.8	7.1	71.
16.9	52.6	5066.7	550.0	-3.1	-22.6	248.6	3.5	3.2	1.5	320.2	323.3	1.2	20.8	7.3	71.
19.3	55.6	5433.2	525.0	-5.8	-16.0	230.1	4.3	3.3	2.7	321.4	320.2	2.1	44.7	7.6	70.
19.8	54.4	5811.7	500.0	-8.2	-14.5	220.1	8.1	5.6	5.8	323.0	320.2	1.4	31.3	8.1	69.
21.2	61.9	6210.7	475.0	-10.1	-27.8	240.9	8.6	7.5	4.2	325.4	320.2	0.8	21.9	8.9	67.
22.9	65.1	6625.8	450.0	-12.1	-33.5	240.8	8.6	6.9	3.1	328.0	320.6	0.5	16.8	9.0	67.
24.4	69.4	7000.6	425.0	-14.6	-35.4	243.6	13.0	11.7	5.7	329.5	331.3	0.3	11.3	10.6	67.
26.3	71.9	7516.8	400.0	-17.7	-36.7	231.1	17.1	13.3	10.8	332.0	333.5	0.4	17.1	12.3	63.
29.1	75.4	7994.1	375.0	-19.0	-43.3	231.0	17.9	14.5	10.6	336.4	337.3	0.2	9.7	14.2	63.
32.3	79.0	8508.4	350.0	-22.3	-46.9	241.2	21.1	19.8	9.2	338.7	330.4	0.2	8.5	16.3	63.
32.4	83.0	9049.1	325.0	-24.9	-40.0	242.9	27.8	24.6	12.8	339.6	340.1	0.1	9.1	19.4	63.
34.4	87.0	9620.4	300.0	-31.6	-49.7	233.5	32.1	28.8	19.1	340.6	341.3	0.1	14.7	23.6	62.
36.7	91.2	10170.8	275.0	-35.8	-52.9	230.9	33.6	26.1	21.2	347.4	343.8	0.1	15.2	28.1	60.
39.2	95.7	10897.1	250.0	-39.9	-59.9	220.6	35.7	30.2	25.7	346.6	349.9	95.9	95.9	33.5	59.
41.7	100.2	11598.9	225.0	-45.2	-59.9	223.2	38.1	27.1	26.7	349.2	349.9	99.9	99.9	39.2	57.
44.7	105.3	12377.3	200.0	-50.5	-59.9	224.2	38.1	26.1	27.8	352.4	349.9	95.9	95.9	45.9	55.
47.9	110.6	13232.1	175.0	-56.3	-59.9	224.3	38.0	25.2	24.1	353.7	349.9	99.9	99.9	52.6	54.
51.3	116.8	14185.1	150.0	-60.8	-59.9	225.6	38.1	27.8	19.8	358.2	349.9	99.9	99.9	59.6	53.
55.2	123.7	15278.4	125.0	-66.8	-59.9	225.1	32.6	17.6	15.3	366.8	349.9	99.9	99.9	66.8	53.
59.6	131.3	16506.7	100.0	-69.6	-59.9	211.2	16.7	7.6	12.5	393.2	349.9	99.9	99.9	70.7	53.
65.7	140.5	18332.6	75.0	-64.7	-71.9	111.0	5.8	-9.2	3.5	437.2	349.9	99.9	99.9	71.7	52.
73.2	152.0	20942.1	50.0	-74.0	-99.9	117.0	18.0	-8.9	4.5	511.2	349.9	99.9	99.9	70.7	49.
86.1	145.0	25346.1	25.0	-44.3	-99.9	99.9	99.9	99.9	99.9	637.2	349.9	99.9	99.9	68.3	43.

0.75 SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0.0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
0.0 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 263  
 MIDLAND, TEXAS

 7 JUNE 1979  
 1710 GMT

TIME MIN	CNCT	WEIGHT GPM	PRES MB	TEMP OC C	DEW PT OC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V OC K	E POT V OC K	MZ ATD GM/KG	RM PCT	RANGE KM	AZ OG
0.0	15.4	873.0	907.9	31.1	12.9	230.0	7.2	5.5	4.4	312.8	342.3	10.4	33.0	0.0	0.0
99.9	99.9	99.9	1000.0	55.0	55.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	971.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	935.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.3	16.2	951.0	907.0	29.0	9.0	231.8	7.1	6.8	2.2	311.4	334.5	8.1	22.7	2.3	51.0
1.1	14.6	1200.2	875.0	26.1	9.0	237.4	7.4	6.8	2.0	310.9	333.0	7.7	31.4	1.6	61.0
2.0	21.1	1454.4	870.0	23.4	8.4	236.0	8.7	7.4	4.6	310.7	334.1	8.2	30.3	1.0	61.0
2.3	23.5	1714.1	825.0	21.3	8.4	232.0	8.4	6.6	5.1	311.8	335.1	8.4	43.5	1.5	60.0
4.2	24.0	1940.7	800.0	21.7	0.6	233.1	8.6	6.9	5.2	314.3	329.2	5.0	24.5	2.1	54.0
5.4	24.6	2354.6	775.0	19.5	-1.2	235.1	11.7	9.4	6.7	314.8	328.3	4.5	24.6	2.8	57.0
6.5	31.1	2335.5	750.0	17.1	-2.1	230.1	12.1	10.5	6.0	315.1	328.3	4.4	26.9	3.6	57.0
7.7	33.8	2423.2	725.0	14.9	-6.6	231.8	10.6	10.1	3.3	315.8	327.3	3.6	25.7	4.5	58.0
9.9	36.4	3118.6	700.0	12.4	-6.4	239.3	9.0	8.9	1.7	316.2	326.7	3.4	26.4	5.1	61.0
9.9	39.2	3422.0	675.0	5.6	-5.1	267.3	8.1	8.1	0.4	314.4	327.4	3.6	32.4	5.6	63.0
13.9	42.0	3733.5	650.0	6.4	-5.0	262.9	5.3	5.2	-1.2	316.2	328.6	4.1	43.4	6.0	65.0
12.2	44.9	4354.1	625.0	3.7	-8.3	262.3	3.7	3.4	-1.4	316.7	330.2	4.4	55.5	6.2	67.0
13.5	47.9	4384.1	600.0	1.1	-17.2	269.1	3.2	3.2	0.0	317.4	322.8	1.7	24.4	6.4	68.0
14.9	53.8	4725.3	575.0	-0.7	-17.3	230.6	4.8	3.7	3.0	319.2	324.7	1.7	27.1	6.7	64.0
16.4	53.8	5079.1	550.0	-2.8	-17.8	230.7	5.5	4.3	3.5	320.6	326.4	1.7	30.5	7.2	67.0
17.9	54.9	5446.1	525.0	-5.3	-18.0	231.7	7.5	5.9	4.7	322.1	327.8	1.8	36.0	7.7	66.0
19.4	63.0	5427.6	400.0	-6.8	-24.2	237.9	11.4	9.2	6.7	324.6	327.9	0.9	19.4	4.1	65.0
21.0	63.3	6726.6	475.0	-8.9	-30.0	237.8	11.0	9.3	5.8	326.5	328.3	0.4	9.0	9.6	63.0
22.6	66.6	6643.1	450.0	-11.4	-38.9	239.3	12.9	10.7	6.4	328.5	332.0	0.3	6.3	10.7	63.0
24.4	70.0	7078.7	425.0	-14.2	-45.0	230.6	18.6	14.4	11.8	330.7	331.3	0.1	4.7	12.2	62.0
26.1	71.5	7536.3	400.0	-16.8	-50.9	222.2	22.0	18.0	16.3	323.2	333.5	0.1	3.3	14.4	60.0
27.9	72.1	8016.6	375.0	-15.3	-52.0	230.9	18.7	15.2	16.1	336.1	336.4	0.1	3.6	16.5	57.0
29.4	80.9	8524.2	350.0	-22.4	-53.4	230.3	25.1	19.3	18.1	338.5	338.8	0.1	4.0	14.8	54.0
31.0	84.8	9069.1	325.0	-26.3	-54.4	227.9	27.7	20.5	18.5	340.4	340.6	0.1	4.5	22.4	55.0
34.3	91.3	10251.9	300.0	-31.5	-53.2	226.3	31.9	23.1	22.1	341.8	341.3	0.1	9.6	25.4	54.0
36.5	93.3	10251.9	275.0	-35.3	-55.9	221.5	31.7	21.0	23.7	344.1	344.4	0.1	10.0	30.5	52.0
39.0	97.8	10910.1	250.0	-39.4	-57.8	218.1	37.7	23.3	29.7	347.5	347.7	0.1	10.5	35.6	50.0
41.4	102.8	11624.1	225.0	-44.7	-59.9	215.7	39.8	23.2	32.3	350.1	350.9	0.1	9.9	41.3	48.0
44.1	108.0	12400.9	200.0	-51.2	-59.9	220.6	36.5	24.0	28.0	351.6	350.9	0.1	9.9	47.2	47.0
47.0	113.8	13256.6	175.0	-57.5	-59.9	228.2	34.4	23.6	22.9	355.8	355.9	0.1	9.9	53.4	47.0
53.2	120.0	14214.3	150.0	-63.7	-59.9	226.0	27.8	22.7	15.9	360.2	359.9	0.1	9.9	59.6	47.0
53.7	126.7	15315.6	125.0	-66.4	-59.9	218.0	22.5	13.8	17.7	371.2	369.9	0.1	9.9	64.6	47.0
54.0	134.7	16650.9	100.0	-64.5	-59.9	219.0	11.2	7.1	8.7	395.2	395.9	0.1	9.9	69.2	47.0
63.1	141.7	18161.3	75.0	-65.8	-59.9	169.7	9.1	-1.4	9.0	428.2	428.9	0.1	9.9	71.4	46.0
73.7	145.3	20873.1	50.0	-52.1	-59.9	116.0	9.8	-0.8	4.3	511.4	511.4	0.1	9.9	71.6	43.0
83.6	163.5	25349.3	25.0	-46.4	-59.9	99.9	99.9	99.9	99.9	651.4	651.4	0.1	9.9	68.8	37.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

9 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG





STATION NO. 265  
 MIDLAND, TEXAS

 7 JUNE 1970  
 2300 GMT

TIME MIN	CMCT	HEIGHT GPM	PRES MM	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WZ RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	15.4	873.0	605.9	34.4	6.9	238.0	6.2	4.7	4.0	316.4	339.6	8.0	21.8	0.0	0.
00.9	99.9	99.9	1000.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
01.9	99.9	99.9	975.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
02.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
03.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
04.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
05.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
06.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
07.9	99.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
08.9	99.9	99.9	800.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
09.9	99.9	99.9	775.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
10.9	99.9	99.9	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
11.9	99.9	99.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
12.9	99.9	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
13.9	99.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
14.9	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
15.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
16.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
17.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
18.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
19.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
20.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
21.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
22.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
23.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
24.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
25.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
26.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
27.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
28.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
29.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
30.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
31.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
32.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
33.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
34.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
35.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
36.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
37.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
38.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
39.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
40.9	99.9	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS8 JUNE 1979  
285 GMT

TIME MIN	CNCT	MFIGHT GPM	PMES MB	TEMP DG C	QEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DB H	E POT V DG K	MR RTO GM/KG	PM PCT	RANGE KM	AZ DG
0.0	15.2	873.0	906.5	26.4	17.9	180.0	9.3	0.0	9.3	311.2	351.2	14.4	50.0	0.0	0.0
00.9	49.9	90.9	1000.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
01.3	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
02.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
03.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
04.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
05.8	15.8	917.5	900.0	29.9	19.4	178.7	15.8	-0.4	15.8	312.3	352.3	15.0	50.1	0.3	359.0
1.1	19.2	1149.1	875.0	27.9	17.2	179.8	15.5	-0.0	15.5	312.0	352.0	14.3	52.4	1.0	359.0
2.1	20.7	1445.9	850.0	25.5	16.1	183.2	13.0	1.2	13.0	312.5	352.5	13.7	55.9	1.8	0.0
3.0	21.2	1738.6	825.0	24.2	15.0	200.4	10.2	3.5	9.5	314.3	349.4	12.3	53.0	2.4	3.0
3.8	24.7	1977.5	800.0	22.6	13.7	214.5	9.1	4.2	7.5	315.2	348.4	10.2	48.9	2.9	7.0
4.8	23.2	2252.9	775.0	20.2	12.2	228.0	7.5	5.5	5.0	315.6	347.3	8.9	45.9	3.2	12.0
5.9	13.8	2518.8	750.0	17.4	7.3	226.3	6.2	4.8	4.6	315.4	347.3	8.6	45.5	3.6	16.0
6.9	11.4	2823.4	725.0	14.7	5.6	232.5	6.7	5.3	4.1	315.4	346.6	7.9	44.4	4.0	19.0
7.9	10.1	3119.2	700.0	12.5	3.9	237.3	7.2	6.7	2.8	316.3	333.1	7.1	44.4	4.3	23.0
8.9	39.4	3473.3	675.0	9.9	-0.1	232.4	7.8	7.4	2.4	316.7	333.5	5.6	42.7	4.6	27.0
10.2	41.6	3735.6	650.0	7.3	-3.1	237.9	8.8	6.1	3.3	317.2	331.4	4.7	47.3	5.1	32.0
11.5	44.6	4057.1	625.0	4.3	-6.7	245.8	10.7	9.8	4.4	317.3	330.5	4.3	52.0	5.7	36.0
12.5	47.3	4347.9	600.0	2.2	-10.1	255.0	10.6	10.2	2.7	318.7	328.0	1.3	57.7	6.3	39.0
13.8	93.3	4730.8	575.0	0.4	-15.9	264.8	9.7	9.7	0.5	321.0	325.0	0.3	6.3	6.8	44.0
14.0	93.3	5045.9	550.0	-1.7	-21.1	250.7	13.3	12.6	4.4	322.1	323.1	0.3	4.6	7.5	47.0
16.3	56.1	5458.5	525.0	-3.7	-26.0	244.2	16.0	15.8	7.2	324.0	320.8	0.3	4.9	8.6	50.0
17.6	53.6	5837.4	500.0	-6.7	-30.6	241.9	17.2	15.2	6.1	324.9	320.8	0.2	5.2	10.0	52.0
18.9	62.4	6235.9	475.0	-9.0	-35.7	235.9	18.6	15.4	10.4	326.6	320.5	0.2	9.5	11.4	53.0
20.3	65.1	6632.0	450.0	-12.1	-40.7	226.3	18.0	11.6	11.1	328.0	320.5	0.1	4.1	12.8	52.0
21.0	63.6	7026.4	425.0	-15.2	-45.2	222.0	18.5	12.4	13.7	329.2	320.9	0.1	4.5	14.4	51.0
23.6	73.1	7541.6	400.0	-18.3	-49.6	213.3	22.7	15.8	16.5	331.2	331.4	0.1	4.8	16.3	50.0
25.3	76.7	8071.0	375.0	-21.0	-53.3	217.1	25.0	15.1	20.0	333.6	330.2	0.1	5.2	18.6	49.0
27.1	83.0	8526.6	350.0	-24.9	-57.5	208.5	28.3	13.5	24.8	335.7	330.1	0.1	17.8	21.5	47.0
28.0	84.5	9031.1	325.0	-27.5	-61.4	206.9	29.1	13.2	26.0	338.7	330.3	0.1	10.4	24.7	46.0
31.3	88.7	9631.7	300.0	-31.8	-65.7	213.7	31.0	17.2	25.8	340.4	341.1	0.1	15.0	28.7	42.0
33.5	93.0	10242.9	275.0	-35.9	-69.9	205.8	31.5	15.9	27.7	343.3	340.7	0.4	85.4	32.7	41.0
35.4	97.6	10700.8	250.0	-40.4	-74.9	205.7	35.8	15.3	32.2	346.1	340.8	59.8	99.9	36.7	40.0
37.7	102.4	11163.3	225.0	-44.1	-79.9	201.5	36.2	15.3	33.7	347.2	340.8	59.9	99.9	41.2	39.0
40.2	107.6	12122.6	200.0	-47.4	-84.9	204.4	38.2	15.7	34.8	349.2	340.8	59.9	99.9	46.9	36.0
41.1	113.3	13239.8	175.0	-54.3	-89.9	210.4	28.0	14.2	24.2	357.6	339.9	99.9	99.9	52.6	35.0
46.4	119.3	15201.8	150.0	-63.6	-95.9	198.3	27.4	8.6	26.0	368.2	339.9	99.9	99.9	57.9	34.0
50.7	126.0	15304.3	125.0	-70.1	-99.9	207.1	19.9	9.1	17.7	368.1	339.9	99.9	99.9	63.2	33.0
51.8	133.7	16619.3	100.0	-72.7	-99.9	209.1	14.4	7.1	12.5	387.4	339.9	55.9	95.0	67.8	33.0
58.5	143.5	18328.1	75.0	-65.9	-99.9	198.2	7.1	-2.6	6.6	434.1	339.9	59.9	99.9	70.6	32.0
61.1	151.7	20917.7	50.0	-57.6	-99.9	191.1	8.9	-0.8	1.8	507.5	339.9	59.9	99.9	70.4	29.0
80.6	163.5	23283.6	25.0	-45.7	-99.9	99.9	99.9	99.9	99.9	642.5	339.9	99.9	99.9	69.4	22.0

9.97 SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 9.97 TEMP MEANS TEMPERATURE CB TIME HAVE BEEN INTERPOLATED  
 9.97 SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

8 JUNE 1979  
505 GMT

TIME MIN	CNCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DIM DG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT 1 DEG K	E POT 1 DEG K	WIND CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	15.4	873.0	909.6	25.0	22.0	170.0	9.3	-1.0	9.2	300.3	330.4	19.7	88.0	0.0	0.0
99.9	99.9	99.9	1009.0	55.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	55.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.4	18.4	946.7	500.0	24.5	21.2	185.5	16.0	1.5	15.9	300.4	355.4	10.0	82.0	0.4	2.0
1.4	18.4	1214.1	875.0	22.6	17.7	185.1	16.6	1.5	16.5	307.2	352.8	16.0	83.7	1.2	4.0
2.5	21.3	1467.0	850.0	22.6	12.6	190.9	18.6	3.5	18.3	308.5	361.0	11.1	56.5	2.4	6.0
3.5	23.8	1727.5	825.0	23.0	1.2	200.9	17.2	5.4	14.2	312.5	337.7	8.7	40.2	3.5	8.0
4.6	26.3	1995.4	800.0	21.2	11.6	211.6	12.4	6.5	10.6	313.7	346.4	10.8	56.3	4.6	12.0
7.4	29.0	2269.8	775.0	15.7	4.6	221.8	7.6	5.0	5.6	315.4	375.3	6.9	36.9	5.0	15.0
7.1	31.5	2451.1	750.0	17.3	1.9	224.7	6.3	4.4	4.5	315.4	332.8	5.9	35.5	5.4	18.0
8.4	34.1	2450.2	725.0	14.8	-0.7	229.2	6.4	4.9	4.2	315.7	331.2	5.2	35.5	5.8	20.0
9.7	36.9	3136.5	700.0	11.0	-1.8	232.4	5.7	4.5	3.5	315.6	329.9	4.8	38.7	6.3	22.0
11.1	39.5	3417.4	675.0	9.0	-3.7	226.2	5.2	3.7	3.6	315.7	328.7	4.3	40.5	6.7	24.0
12.7	42.7	3747.3	650.0	6.1	-4.3	220.6	6.2	4.5	5.2	315.5	328.9	4.3	47.3	7.2	26.0
14.1	45.1	4065.1	625.0	3.0	-1.7	216.3	8.4	5.2	6.4	315.5	330.0	4.7	61.2	7.9	27.0
15.6	48.0	4197.4	600.0	-0.1	-4.2	215.9	6.5	5.6	7.7	316.6	330.0	4.7	73.8	8.6	28.0
17.0	50.9	4737.1	575.0	-1.4	-17.6	220.0	12.1	7.8	9.3	318.4	324.0	1.8	29.4	9.5	29.0
18.2	53.9	5097.9	550.0	-2.1	-11.3	226.3	11.5	8.6	7.6	321.4	321.8	0.1	1.0	10.4	30.0
19.5	56.9	5455.0	525.0	-5.5	-23.4	216.4	10.0	6.4	5.6	321.5	322.1	0.0	1.0	11.1	32.0
21.0	61.0	5418.0	500.0	-9.2	-49.2	217.8	11.6	9.8	6.2	321.5	322.2	0.1	2.2	12.0	33.0
22.6	63.0	6233.5	475.0	-10.6	-47.6	218.8	12.2	10.4	6.3	324.5	325.3	0.1	3.0	13.1	36.0
24.7	64.3	6047.2	450.0	-13.7	-48.7	215.5	14.1	11.6	8.0	326.6	326.4	0.1	3.3	14.5	38.0
26.5	65.6	7379.2	425.0	-16.6	-49.9	225.2	16.5	12.5	10.8	327.7	328.0	0.1	3.7	16.2	39.0
29.3	73.0	7432.0	400.0	-15.4	-51.1	222.7	20.0	13.6	14.7	329.8	330.2	0.1	4.1	18.0	40.0
32.1	76.6	8009.0	375.0	-22.2	-55.5	212.0	25.0	13.3	21.2	332.4	336.4	1.3	74.4	20.4	40.0
31.9	83.2	8513.6	350.0	-25.1	-27.4	205.3	25.4	12.6	26.6	334.5	338.9	1.1	80.7	23.3	38.0
31.4	84.9	9047.4	325.0	-29.7	-30.9	203.6	26.9	10.6	24.6	335.6	339.0	0.9	89.1	26.5	37.0
36.1	94.0	9616.1	300.0	-33.5	-26.6	205.9	26.8	11.7	24.1	338.3	340.2	0.5	73.0	30.1	35.0
34.5	92.2	10226.1	275.0	-37.3	-43.8	203.5	29.4	11.7	27.0	341.3	342.3	0.3	65.8	33.9	34.0
40.8	96.6	10972.5	250.0	-41.9	-59.9	202.0	35.0	13.4	33.2	343.7	349.9	0.9	59.9	38.4	33.0
43.4	101.4	11578.0	225.0	-47.6	-99.9	198.7	36.2	11.6	34.3	345.8	350.9	0.9	59.9	43.9	31.0
46.1	106.4	12384.4	200.0	-51.5	-59.9	203.6	36.5	14.6	33.4	351.3	350.9	0.9	59.9	50.3	30.0
48.4	111.8	13208.5	175.0	-57.4	-59.9	201.3	27.9	10.1	26.0	355.2	359.9	0.9	59.9	54.9	29.0
51.8	119.0	14161.7	150.0	-65.1	-59.9	193.6	28.6	6.7	27.8	357.5	359.9	0.9	59.9	59.9	26.0
55.3	124.7	15255.7	125.0	-72.0	-59.9	210.0	24.6	12.3	21.3	364.4	369.9	0.9	59.9	65.6	27.0
59.7	132.3	16506.4	100.0	-74.8	-59.9	187.9	13.1	1.8	13.2	363.5	369.9	0.9	59.9	70.1	27.0
64.6	141.5	17288.5	75.0	-68.5	-99.9	138.0	7.0	-4.6	8.3	433.8	439.9	0.9	59.9	72.4	24.0
72.4	152.5	20776.7	50.0	-57.9	-59.9	104.3	5.8	-9.5	2.4	507.1	499.9	0.9	59.9	73.1	24.0
86.9	165.0	25262.3	125.0	-48.8	-99.9	84.0	14.2	-14.2	-1.5	644.4	609.9	0.9	59.9	89.5	17.0

0 BY SPEED MEAN ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
0 BY TEMP MEAN TEMPERATURE AT TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEAN ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 265  
MIDLAND, TEXAS

8 JUNE 1979  
085 GMT

150 7. 0

TIME MIN	CHICT	WEIGHT GPM	PMES M	TEMP DEG C	DEPT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG M	E POT 1 DEG M	MAX RTU CM/SEC	RM PCE	RANGE KM	AZ DEG
0.0	15.2	871.0	908.9	23.3	20.6	173.0	7.1	-0.9	5.0	304.7	350.7	17.1	85.8	0.0	0.0
9.9	43.9	92.0	1020.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	43.9	59.9	975.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	43.9	92.0	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	43.9	92.0	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	43.9	92.0	925.0	24.2	21.7	183.0	10.9	0.6	10.8	306.2	350.6	18.6	86.3	0.3	3.0
1.3	15.5	1268.9	875.0	22.5	19.9	191.9	13.7	2.8	13.4	307.2	353.5	17.1	85.4	0.9	3.0
2.6	15.5	1460.5	853.0	24.7	21.1	206.4	18.0	7.1	14.4	313.0	376.1	6.0	32.7	1.9	14.0
3.4	15.5	1723.1	825.0	24.9	21.1	206.8	13.3	6.0	11.9	315.0	338.3	8.0	33.3	2.4	18.0
4.5	15.1	1982.0	825.0	22.3	20.4	211.3	11.1	5.0	9.5	314.5	338.5	8.1	34.2	3.6	21.0
5.7	24.6	2267.2	775.0	20.2	6.7	266.8	8.2	3.5	7.6	315.2	338.2	8.0	41.4	4.3	22.0
6.9	31.7	561.5	753.0	17.4	3.0	206.7	6.7	3.0	6.0	315.2	338.2	8.0	34.3	4.8	22.0
8.3	11.9	4817.2	725.0	15.1	-2.4	213.8	5.4	3.0	4.5	316.0	331.3	5.1	34.5	5.7	23.0
9.7	15.6	3133.1	700.0	12.7	2.8	194.6	5.7	1.9	5.4	316.0	330.1	4.5	33.9	5.5	23.0
10.5	19.3	3619.1	675.0	10.1	-1.4	198.5	7.6	1.1	7.5	316.5	332.3	5.2	44.9	6.1	22.0
11.9	42.1	3749.6	652.0	7.3	-2.0	194.4	8.2	1.4	8.4	317.2	332.5	5.1	51.6	6.7	21.0
13.7	43.7	4070.0	625.0	4.2	-1.7	199.3	9.6	3.2	9.0	317.2	333.4	5.4	65.4	7.4	20.0
14.7	43.0	4401.3	603.0	1.2	-4.5	205.6	10.5	5.2	9.2	317.2	330.4	4.2	61.1	8.1	20.0
16.0	53.9	4782.9	575.0	-0.4	-20.9	226.2	12.0	9.7	8.3	319.2	323.6	1.3	20.6	9.2	22.0
17.4	53.9	5097.4	550.0	-1.5	-47.2	222.7	11.2	7.6	8.2	322.2	322.7	0.1	1.8	13.0	27.0
19.3	52.0	5465.7	525.0	-4.2	-54.0	219.9	10.1	6.3	7.0	323.4	323.5	0.1	1.0	10.9	26.0
20.5	60.1	4188.3	500.0	-6.4	-54.0	219.9	5.9	6.3	7.0	325.2	325.5	0.0	1.0	11.9	27.0
22.3	63.4	6257.2	475.0	-5.2	-53.7	217.4	11.0	4.7	8.7	326.6	327.8	0.0	1.0	12.9	26.0
23.9	63.6	6662.6	450.0	-12.0	-57.9	223.4	12.6	9.7	9.2	327.5	327.6	0.0	1.0	14.0	22.0
25.5	73.3	7336.1	425.0	-15.8	-57.9	220.4	14.9	9.7	11.4	328.1	328.9	0.1	2.2	15.4	30.0
27.3	73.7	7510.5	403.0	-18.2	-57.9	213.2	16.7	10.2	15.6	331.2	334.0	2.0	84.2	17.1	31.0
29.1	77.4	8127.7	375.0	-21.0	-23.9	209.3	21.8	10.7	19.0	332.7	335.6	1.1	63.4	19.3	31.0
31.0	81.3	8532.8	353.0	-24.4	-26.9	200.5	24.6	8.6	23.1	335.5	339.1	1.2	79.4	22.1	30.0
33.1	84.3	9170.1	325.0	-28.0	-31.7	197.4	24.6	7.4	23.7	338.6	339.8	0.8	76.7	24.9	29.0
35.3	77.5	9638.0	300.0	-33.6	-37.6	201.6	27.3	10.1	23.4	338.1	339.9	0.3	80.8	26.3	28.0
37.7	92.8	10243.7	275.0	-36.8	-43.2	195.7	33.0	12.1	31.1	341.5	342.9	99.9	99.9	32.6	27.0
40.4	98.4	10597.8	253.0	-40.5	-49.9	197.7	39.9	14.9	36.9	345.2	349.9	99.9	99.9	38.7	25.0
43.4	132.4	11606.9	225.0	-44.4	-59.9	201.9	35.0	14.9	36.9	347.4	349.9	99.9	99.9	45.9	24.0
46.5	177.6	12191.1	203.0	-50.9	-63.9	200.1	38.3	13.2	36.0	347.2	349.9	99.9	99.9	51.4	24.0
50.1	154.5	13394.1	175.0	-56.0	-59.9	198.6	28.6	8.2	27.4	354.0	349.9	99.9	99.9	60.4	24.0
53.8	125.3	14201.6	150.0	-64.2	-59.9	185.7	27.3	4.8	26.9	359.2	349.9	99.9	99.9	66.5	22.0
57.6	127.7	14301.1	125.0	-70.1	-92.9	216.5	22.3	12.6	18.4	368.1	349.9	99.9	99.9	72.4	21.0
61.3	134.1	14617.2	103.0	-72.5	-59.9	193.6	14.7	3.5	14.3	383.8	349.9	99.9	99.9	76.5	27.0
64.8	148.7	14311.0	75.0	-69.0	-59.9	182.1	9.9	-3.0	9.4	423.2	349.9	99.9	99.9	80.2	21.0
67.8	154.0	23875.6	50.0	-56.2	-59.9	103.4	5.1	-8.9	2.0	506.4	349.9	99.9	99.9	81.6	19.0
92.5	165.5	25303.1	25.0	-48.3	-99.9	98.6	13.1	-13.0	1.5	495.4	349.9	99.9	99.9	78.9	12.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS6 JUNE 1979  
1100 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DBS PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG K	S POT 1 DEG K	P 1 KG	RM PCT	RANGE KM	AZ DEG
0.0	14.6	873.0	909.6	21.7	19.6	140.0	4.6	-3.0	3.5	303.6	345.9	10.1	88.0	0.0	0.
00.0	99.0	99.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.2	15.5	986.0	900.0	21.8	21.0	903.9	90.9	90.9	90.9	305.6	352.5	11.7	80.3	99.0	99.0
1.3	17.9	1212.3	875.0	21.2	19.9	990.9	99.9	99.9	99.9	309.5	351.8	11.0	92.2	99.0	99.0
2.3	20.3	1464.7	850.0	21.0	15.5	191.1	13.5	3.0	13.2	309.3	346.3	13.4	69.7	1.9	4.
3.5	22.7	1725.2	825.0	21.2	3.4	204.5	10.8	6.2	13.5	313.2	330.7	6.0	27.5	3.0	9.
4.6	25.2	1993.0	800.0	22.6	4.5	218.6	10.9	6.8	6.5	315.2	334.7	6.6	30.7	3.0	14.
5.8	27.8	2267.7	775.0	19.5	4.9	222.5	6.7	5.9	6.4	314.6	335.2	7.0	37.9	4.0	18.
7.0	30.3	2566.9	750.0	17.1	3.6	216.1	7.3	4.3	5.9	315.1	334.6	6.6	40.5	4.0	20.
8.1	32.9	2837.0	725.0	14.5	1.6	214.1	7.6	4.2	6.3	315.4	333.0	6.6	41.6	5.0	22.
9.3	35.6	3132.6	700.0	11.9	-0.2	205.9	6.9	3.0	6.2	315.7	331.8	5.4	43.3	5.0	23.
10.4	38.2	3435.8	675.0	9.2	-0.7	198.5	7.3	1.8	7.1	316.0	332.1	5.4	49.0	6.0	22.
11.7	41.0	3747.4	650.0	6.9	-1.1	189.9	7.8	1.3	7.7	316.6	333.0	5.4	56.5	6.0	21.
13.1	43.8	4069.5	625.0	3.9	0.3	191.6	8.7	1.7	8.1	316.6	335.6	6.3	77.8	7.0	21.
14.5	46.7	4399.0	600.0	0.7	-0.7	192.4	9.9	2.1	9.4	316.6	334.9	6.1	90.3	8.0	20.
16.3	49.6	4740.2	575.0	-1.4	-8.0	200.6	9.8	3.3	8.9	318.4	329.6	3.7	60.8	9.2	19.
17.5	52.6	5092.9	550.0	-4.0	-22.7	201.7	9.8	3.6	9.1	319.3	324.7	1.7	32.5	10.1	20.
18.9	55.6	5459.2	525.0	-7.1	-26.8	168.8	9.3	2.7	8.9	322.2	324.2	0.8	14.9	10.9	20.
20.5	58.6	5840.3	500.0	-8.2	-15.0	189.9	8.9	1.5	8.0	323.1	330.7	2.4	57.5	11.0	19.
22.1	61.9	6237.1	475.0	-10.4	-22.2	195.9	8.3	2.3	8.0	325.1	329.6	1.4	37.1	12.6	19.
23.9	65.1	6651.0	450.0	-13.7	-19.3	184.7	8.6	0.7	8.6	326.1	332.2	1.8	62.7	13.4	18.
25.6	69.5	7093.2	425.0	-16.9	-17.0	185.2	9.4	0.9	9.4	327.2	335.1	2.4	59.1	14.3	17.
27.6	72.0	7535.0	400.0	-20.5	-33.4	196.1	10.5	4.0	13.9	328.4	330.4	0.6	30.1	15.7	17.
29.8	75.7	8010.5	375.0	-22.9	-51.5	198.7	10.5	6.2	18.5	331.3	331.7	0.1	5.3	18.0	17.
31.7	79.3	8512.9	350.0	-25.8	-53.1	202.9	20.9	9.7	25.0	334.1	334.4	0.1	5.6	20.5	17.
34.0	83.3	9046.6	325.0	-29.0	-53.0	200.3	31.7	11.0	29.7	336.7	337.0	0.1	6.1	24.1	18.
36.4	87.3	9615.1	300.0	-32.0	-56.8	203.6	30.9	13.9	31.9	340.2	340.3	0.1	6.5	27.1	19.
38.8	91.7	10225.3	275.0	-35.9	-55.4	201.2	37.5	13.5	35.0	343.3	343.8	0.1	11.5	34.2	19.
41.1	96.2	10879.1	250.0	-41.4	59.9	193.5	40.8	9.5	39.7	346.2	999.9	99.9	99.9	39.6	19.
43.9	101.0	11584.4	225.0	-47.6	99.9	194.3	40.3	10.0	39.1	345.6	999.9	99.9	99.9	46.4	18.
46.9	106.2	12357.2	200.0	-51.7	99.9	201.6	36.7	14.2	35.8	350.4	999.9	99.9	99.9	53.8	18.
50.1	111.8	13211.7	175.0	-57.5	99.9	201.9	37.1	13.8	30.4	359.8	999.9	99.9	99.9	60.8	19.
53.8	118.0	14168.2	150.0	-65.8	99.9	198.7	31.0	9.9	29.3	359.2	999.9	99.9	99.9	68.1	19.
58.0	124.7	15277.6	125.0	-67.6	99.9	201.7	18.2	8.7	18.9	372.6	999.9	99.9	99.9	74.7	19.
62.8	132.3	16596.3	100.0	-72.8	99.9	195.0	17.1	4.4	16.8	377.1	999.9	99.9	99.9	79.0	19.
68.9	141.3	18118.1	75.0	-67.0	99.9	139.5	18.1	-6.6	7.7	432.4	999.9	99.9	99.9	84.3	18.
77.7	151.7	20823.6	50.0	-98.2	99.9	97.0	10.2	-10.1	1.2	506.4	999.9	99.9	99.9	84.0	15.
91.0	163.0	25315.7	25.0	-47.9	99.9	88.9	12.3	-12.3	-0.2	646.6	999.9	99.9	99.9	81.2	8.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

6-2

STATION NO. 270  
 EL PASO, TEXAS

 7 JUNE 1979  
 1225 GMT

TIME MIN	CHCT	WEIGHT GPM	PRES MB	TEMP OG C	DEW PT OG C	DIR OG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T OG R	E POT T OG R	MR RTO CM/KG	RH PCT	RANGE KM	AZ OG
0.0	13.2	1193.0	874.8	21.6	5.5	230.0	6.2	4.7	4.0	308.3	324.7	6.3	34.0	0.0	0.
00.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	99.9	850.0	20.2	6.4	595.9	99.9	99.9	99.9	307.3	327.5	7.2	40.7	99.9	99.9
0.0	71.7	1441.0	850.0	20.2	6.4	595.9	99.9	99.9	99.9	307.3	327.5	7.2	40.7	99.9	99.9
2.0	28.3	1699.7	825.0	18.3	5.6	969.9	99.9	99.9	99.9	308.6	327.8	7.0	43.3	99.9	99.9
3.0	20.9	1661.6	810.0	16.4	4.6	283.9	13.2	12.9	-3.2	308.6	327.8	6.7	45.3	0.6	57.
4.0	20.4	2212.0	775.0	16.1	4.4	282.6	14.4	18.9	-4.2	311.2	330.7	6.8	45.4	2.1	84.
6.0	37.3	2513.5	750.0	15.3	4.3	283.1	15.9	19.4	-4.5	313.1	330.2	5.9	40.1	3.4	96.
8.0	37.3	2762.0	725.0	13.7	0.5	282.2	13.2	12.9	-2.8	314.8	330.8	5.5	40.4	4.1	97.
6.9	37.3	2762.0	725.0	13.7	0.5	282.2	13.2	12.9	-2.8	314.8	330.8	5.5	40.4	4.1	97.
7.4	37.8	1071.3	700.0	10.9	-1.1	296.0	5.7	5.1	-2.5	314.8	329.6	5.1	43.4	4.6	97.
8.5	67.7	3393.4	675.0	8.3	-2.0	278.2	3.5	3.4	-0.5	315.6	329.5	4.9	47.9	4.8	98.
9.4	67.8	3733.9	650.0	5.4	-3.5	257.3	4.5	4.4	1.0	315.6	329.5	4.6	52.5	5.0	98.
10.3	68.5	4023.7	625.0	3.5	-4.4	225.8	5.3	4.1	3.4	316.2	329.5	4.3	54.3	5.2	96.
11.6	68.5	4353.4	600.0	0.4	-5.2	216.4	5.5	3.3	4.5	316.6	329.2	4.2	63.2	5.5	92.
13.2	55.6	4653.6	575.0	-2.3	-6.4	221.4	5.1	3.4	3.8	317.3	329.7	4.1	73.8	5.8	86.
14.6	55.7	5045.3	550.0	-5.1	-7.9	225.2	2.9	2.0	2.0	318.6	329.7	3.8	80.8	6.0	86.
16.0	55.9	5400.3	525.0	-7.8	-14.3	224.9	3.6	2.5	2.6	319.1	325.7	2.4	59.5	6.2	84.
17.4	67.0	5787.5	500.0	-10.1	-19.3	259.1	4.3	4.2	0.8	320.7	326.1	1.7	46.7	6.5	83.
18.8	65.4	6181.2	475.0	-12.1	-30.9	271.8	5.8	5.0	-0.2	321.6	325.1	0.4	19.4	6.9	83.
20.2	65.9	6593.7	450.0	-13.4	-36.8	193.3	2.5	0.8	2.4	324.4	327.9	0.4	14.5	7.2	84.
21.8	72.4	7325.9	425.0	-16.9	-37.5	76.2	3.3	-3.2	-0.8	327.4	328.7	0.4	14.6	7.0	84.
23.4	76.0	7678.4	400.0	-19.7	-33.4	51.7	5.1	-4.0	-3.1	329.4	331.4	0.6	24.3	6.7	85.
24.0	79.4	7958.4	375.0	-27.7	-47.0	55.6	5.2	-4.3	-2.9	330.6	331.7	0.2	14.2	6.2	87.
26.9	81.8	8455.9	350.0	-27.0	-44.3	91.9	4.0	-4.0	9.1	335.4	333.2	0.2	17.3	5.7	90.
28.7	87.8	8788.5	325.0	-27.6	-45.5	184.0	5.8	0.4	9.8	338.4	339.4	0.2	16.2	5.9	87.
30.6	92.2	9560.1	300.0	-21.7	-42.7	226.5	5.8	10.7	10.2	340.6	341.3	0.1	16.5	6.3	80.
37.5	95.6	10169.9	275.0	-36.2	-42.6	225.2	24.5	17.4	17.3	342.8	343.2	0.1	16.4	6.4	72.
34.7	101.4	10824.2	250.0	-41.5	-59.9	219.0	32.4	22.3	27.5	348.4	349.8	99.9	956.9	11.9	82.
36.9	108.2	11532.8	225.0	-45.8	-59.9	214.3	38.3	21.5	31.6	348.4	349.8	99.9	999.9	16.7	56.
39.7	111.6	12104.9	200.0	-51.4	-59.9	211.3	35.4	18.2	30.4	351.4	349.8	99.9	995.0	22.4	49.
42.5	115.5	13161.7	175.0	-57.6	-59.9	213.5	37.5	20.7	31.3	354.4	349.8	99.9	999.9	28.5	44.
45.7	120.8	14119.8	150.0	-64.5	-59.9	216.9	35.6	22.4	27.7	358.4	349.8	99.9	999.9	35.6	43.
48.2	127.0	15119.0	125.0	-68.1	-59.9	214.0	26.8	15.8	22.2	371.6	349.8	99.9	999.9	42.0	43.
53.2	135.3	16350.2	100.0	-68.1	-59.9	226.7	17.4	12.7	12.0	386.3	349.8	99.9	999.9	47.7	41.
58.1	147.0	18741.2	75.0	-64.3	-59.9	191.2	4.8	0.9	4.3	434.8	349.8	99.9	999.9	49.8	42.
65.2	146.7	20791.4	50.0	-54.7	-59.9	110.3	7.4	-7.2	2.7	505.5	349.8	99.9	999.9	49.1	39.
75.8	168.7	25780.2	25.0	-49.2	-59.9	98.0	13.9	-13.8	2.1	648.8	349.8	99.9	999.9	40.9	32.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 17 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270  
 EL PASO, TEXAS

 7 JUNE 1979  
 1435 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DIR DEG C	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POI 1 DEG M	E POT 1 DEG K	MAX STO CM/46	RM PCT	RANGE KM	AZ DEG
0.0	18.6	1103.0	876.4	21.4	6.6	250.0	5.1	4.0	310.6	330.1	7.0	30.0	0.0	0.
99.9	99.9	99.9	1000.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	18.7	1207.0	875.0	21.8	6.8	260.6	6.4	6.3	309.6	329.6	7.1	31.7	0.0	30.
1.2	21.2	1459.6	850.0	21.8	6.6	264.2	9.9	9.6	309.6	329.6	7.2	37.2	0.5	103.
2.4	23.7	1717.7	825.0	19.6	5.8	283.0	12.3	12.0	309.6	329.6	7.0	60.3	1.3	103.
3.5	26.2	1981.9	800.0	18.2	5.1	291.3	14.1	13.9	310.6	330.6	6.9	42.2	2.2	103.
4.3	28.8	2253.2	775.0	16.6	2.9	267.5	11.7	11.7	311.6	329.6	6.1	39.8	2.0	102.
5.3	31.6	2531.7	750.0	14.9	1.0	262.9	10.1	10.0	312.7	328.6	5.5	38.9	3.4	98.
6.1	34.0	2817.3	725.0	12.4	-0.1	270.3	10.0	10.0	313.1	328.6	5.2	41.9	3.9	97.
7.9	36.7	3110.5	700.0	9.7	-1.1	274.6	9.3	9.3	313.3	328.6	5.0	46.6	4.4	96.
8.9	39.4	3411.3	675.0	7.0	-2.0	268.9	7.6	7.6	313.4	328.6	4.9	52.8	4.8	96.
10.1	42.2	3720.3	650.0	4.5	-3.6	253.9	7.6	7.2	315.3	327.7	4.5	55.7	5.3	95.
10.1	45.1	4039.1	625.0	2.5	-5.4	236.2	8.6	7.2	315.3	327.7	4.1	55.9	5.8	92.
11.7	47.9	4368.3	600.0	0.5	-6.8	237.8	8.7	7.3	316.6	328.6	3.8	57.5	6.5	87.
13.3	50.9	4708.5	575.0	-2.8	-8.2	239.3	8.8	8.9	317.6	328.6	3.4	59.8	7.2	86.
14.8	53.9	5080.2	550.0	-5.2	-10.4	239.5	8.8	8.9	317.6	327.7	3.2	66.9	7.7	82.
16.1	57.0	5423.7	525.0	-8.0	-15.2	239.5	8.8	8.9	317.6	327.7	3.2	66.9	7.7	82.
17.6	63.1	5802.2	500.0	-10.8	-27.7	156.5	1.4	0.4	328.1	328.6	0.8	20.3	8.1	81.
19.2	63.6	6198.9	475.0	-10.1	-34.2	140.8	2.4	-1.5	328.1	327.0	0.4	11.8	8.2	79.
20.9	66.7	6613.2	450.0	-11.4	-34.7	130.4	4.0	-3.0	328.1	327.0	0.4	14.6	8.0	79.
22.4	70.3	7085.2	425.0	-16.9	-38.1	143.6	4.7	-2.8	327.3	328.6	0.3	13.8	7.8	75.
24.0	73.8	7497.6	400.0	-19.9	-39.5	123.5	5.6	-4.7	327.3	328.6	0.3	13.3	7.6	72.
25.9	77.4	7973.0	375.0	-22.7	-42.4	136.1	6.8	-4.7	330.3	331.2	0.2	15.9	7.2	68.
27.5	81.3	8473.5	350.0	-27.2	-46.0	149.3	7.5	-4.4	332.1	332.9	0.2	19.2	7.0	61.
29.7	85.2	9003.1	325.0	-30.3	-46.8	183.6	8.9	8.9	332.1	332.9	0.2	18.0	7.2	54.
31.7	89.3	9573.0	300.0	-31.5	-49.2	218.3	17.0	10.5	341.6	341.6	0.1	15.3	6.5	50.
33.8	93.8	10183.2	275.0	-34.2	-53.2	220.0	27.4	21.0	348.6	341.2	0.1	15.2	11.3	48.
36.1	98.4	10837.7	250.0	-41.3	-59.9	214.4	33.6	27.7	348.6	341.2	0.1	15.2	11.3	48.
38.3	103.3	11544.8	225.0	-45.8	-69.9	210.2	35.6	27.7	348.6	341.2	0.1	15.2	11.3	48.
40.8	109.6	12322.2	200.0	-50.0	-79.9	208.7	37.2	18.1	358.2	341.2	0.1	15.2	11.3	48.
43.4	114.3	13160.6	175.0	-57.1	-99.9	207.3	41.4	19.0	358.2	341.2	0.1	15.2	11.3	48.
46.7	120.8	14139.6	150.0	-63.9	-99.9	211.4	34.5	19.0	360.6	341.2	0.1	15.2	11.3	48.
53.1	127.7	15237.7	125.0	-68.2	-99.9	216.9	24.8	21.2	369.7	341.2	0.1	15.2	11.3	48.
54.1	131.7	16577.0	100.0	-68.2	-99.9	231.3	6.6	8.0	399.6	341.2	0.1	15.2	11.3	48.
59.1	145.0	18112.4	75.0	-68.2	-99.9	155.0	6.7	-2.9	434.1	341.2	0.1	15.2	11.3	48.
66.4	155.3	20835.2	50.0	-58.8	-99.9	122.5	8.0	-6.8	504.4	341.2	0.1	15.2	11.3	48.
74.0	166.0	25731.5	25.0	-46.9	-99.9	77.0	11.0	-10.7	649.1	341.2	0.1	15.2	11.3	48.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG



STATION NO. 270  
EL PASO, TEXAS  
7 JUNE 1979  
1705 GMT

TIME MIN	CNCT	WEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U CLMP M/SEC	V COMF M/SEC	POT V DG R	E POT V DG R	MR WTC CM/KG	RM MCT	150 MM	11. 0 DC
0.0	10.3	1103.0	876.5	27.5	6.3	260.0	6.2	6.1	1.1	312.2	332.1	6.9	26.0	0.0	0-
0.9	99.9	1003.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	95.4	999.9	99.9	999.9	999.9	999.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	19.4	1208.2	875.0	27.5	7.0	999.9	99.9	99.9	99.9	312.2	332.1	7.2	27.5	999.9	999.9
1.0	29.9	1662.0	850.0	23.6	6.1	999.9	99.9	99.9	99.9	312.2	332.1	8.0	37.0	999.9	999.9
2.3	31.1	1727.7	825.0	21.4	7.1	999.9	99.9	99.9	99.9	312.2	332.1	7.7	35.0	999.9	999.9
3.5	25.8	1946.4	820.0	19.1	5.5	999.9	99.9	99.9	99.9	312.2	332.1	7.1	41.1	999.9	999.9
4.5	28.3	2263.2	775.0	17.0	2.4	278.9	10.9	10.8	-1.7	312.2	332.1	9.9	37.3	2.1	91.
5.4	32.9	2518.0	750.0	15.1	1.3	277.7	10.3	10.2	-1.4	312.2	332.1	5.6	36.8	4.7	91.
6.2	33.6	2921.1	725.0	12.6	0.2	274.7	6.4	6.4	-0.7	312.2	332.1	5.4	42.5	3.2	91.
7.1	36.2	3176.6	700.0	10.1	-0.6	262.1	7.6	7.5	1.0	313.7	329.2	5.2	47.1	3.6	91.
9.2	39.9	3419.9	675.0	7.4	-2.0	248.2	6.1	7.6	-0.8	313.7	329.2	4.9	51.2	4.1	90.
9.8	41.7	3729.3	650.0	5.7	-4.5	242.2	7.3	6.4	3.4	319.5	328.2	4.2	47.5	4.7	86.
11.5	44.4	4050.7	625.0	4.6	-6.1	236.1	6.2	6.1	1.3	317.7	329.6	3.9	45.9	5.4	84.
12.9	47.3	4381.9	600.0	1.8	-7.0	234.7	5.2	5.1	1.4	318.2	329.6	3.8	41.6	5.6	84.
14.0	53.3	4721.3	575.0	-1.3	-9.5	236.7	3.7	3.2	1.8	318.5	327.6	3.2	33.4	6.2	81.
15.0	53.3	5076.0	550.0	-4.4	-11.9	224.2	1.5	1.1	1.1	318.5	327.6	2.8	55.3	6.3	82.
16.3	46.4	5440.8	525.0	-7.2	-17.5	194.2	1.9	0.5	1.8	319.2	325.7	1.4	43.5	6.3	82.
17.8	57.5	5820.5	500.0	-8.1	-20.9	158.1	3.8	1.2	3.6	323.2	325.2	0.6	13.0	6.5	92.
19.2	62.8	6210.9	475.0	-10.8	-25.2	201.6	4.3	2.3	5.9	324.4	327.6	0.8	22.3	6.7	72.
22.5	66.0	6630.4	450.0	-13.6	-31.3	195.3	6.4	1.7	6.2	326.2	328.3	0.6	20.7	7.0	73.
27.5	65.4	7361.4	425.0	-16.2	-34.2	155.3	4.8	0.4	4.2	326.2	330.0	0.5	19.2	7.1	65.
23.7	77.9	7518.4	400.0	-20.1	-33.9	141.1	6.8	0.1	6.8	326.2	330.0	0.5	20.0	7.5	66.
25.5	76.7	7551.9	375.0	-23.4	-37.2	176.7	5.2	-0.0	9.2	330.4	332.1	0.4	26.9	7.4	60.
27.1	80.3	8492.3	350.0	-27.5	-42.4	179.5	11.9	-0.1	11.9	331.4	332.6	0.3	23.1	8.4	56.
28.7	84.3	9223.6	325.0	-29.4	-50.3	191.7	13.8	2.2	13.5	330.2	336.7	0.1	11.0	9.1	46.
30.6	91.3	9593.5	300.0	-31.2	-52.4	207.7	19.7	6.2	17.4	341.4	341.8	0.1	10.2	10.9	44.
32.5	92.7	10204.0	275.0	-36.2	-56.3	206.0	28.3	12.4	25.4	342.2	343.1	0.1	18.4	13.6	41.
34.6	97.3	10958.4	250.0	-41.8	-59.9	204.3	34.3	14.1	31.2	345.1	349.9	99.9	999.9	17.5	37.
36.9	102.7	11508.3	225.0	-44.5	-64.5	202.5	37.6	14.5	34.9	350.2	359.9	99.9	999.9	22.1	34.
39.1	107.2	12305.4	200.0	-45.8	-69.9	201.6	44.2	16.3	41.6	350.2	359.9	99.9	999.9	27.4	32.
41.5	112.0	13205.7	175.0	-57.8	-69.9	206.0	44.9	19.7	40.3	350.2	359.9	99.9	999.9	34.0	30.
44.7	118.4	14143.6	150.0	-64.1	-69.9	213.5	37.9	19.2	32.6	359.7	359.9	99.9	999.9	41.1	30.
47.3	125.5	15062.9	125.0	-64.6	-69.9	213.4	25.1	13.8	20.9	374.4	374.4	99.9	999.9	46.7	30.
50.7	131.0	16423.0	100.0	-65.9	-69.9	184.6	11.7	1.9	11.6	408.2	399.9	99.9	999.9	50.8	30.
53.2	141.5	17358.0	75.0	-62.6	-69.9	155.4	7.5	-3.1	6.8	439.2	539.9	55.2	95.9	51.7	29.
61.6	151.0	20778.5	50.0	-52.1	-69.9	118.4	7.6	-8.7	3.4	504.2	599.9	59.9	599.9	52.3	26.
73.4	161.5	25408.0	25.0	-48.5	-69.9	99.9	99.9	99.9	99.9	645.2	999.9	99.9	999.9	51.2	18.

0 MV SPEED MEANS ELEVATION ANGLE BETWEEN 9 AND 10 DEG  
0 MV TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED  
00 MV SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 270  
EL PASO, TEXAS

7 JUNE 1979  
2055 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG M	E POT T DEG K	MR STD CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	18.8	1193.0	875.5	31.1	4.8	230.0	7.7	7.2	2.8	316.1	336.3	6.2	19.0	0.0	0.
0.9	99.9	1000.0	875.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	99.9	975.0	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	99.9	950.0	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	99.9	925.0	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	99.9	900.0	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.3	19.6	1194.1	875.0	30.7	5.3	999.8	79.9	99.9	99.9	315.7	336.6	6.4	20.3	99.9	99.9
1.4	21.4	1456.9	850.0	22.3	5.6	999.9	75.9	99.9	99.9	313.7	332.3	6.7	20.8	99.9	99.9
2.4	23.9	1716.6	825.0	23.8	4.5	999.9	99.9	99.9	99.9	313.6	332.4	6.4	20.9	99.9	99.9
3.8	26.6	1968.3	800.0	21.4	5.6	999.9	99.9	99.9	99.9	314.6	336.9	7.2	35.7	99.9	99.9
5.0	29.2	2258.3	775.0	18.8	5.0	243.5	8.5	7.8	3.5	314.1	336.7	7.1	40.1	2.9	61.
6.1	31.9	2439.5	750.0	16.0	4.5	249.1	7.2	6.0	2.5	313.5	336.5	7.1	42.5	3.4	62.
7.2	36.4	2925.7	725.0	13.3	3.8	272.4	6.0	6.0	-0.3	314.1	336.4	7.0	52.5	3.8	63.
9.5	37.3	3119.6	700.0	10.1	2.3	274.0	7.2	7.1	-1.1	313.7	337.6	6.5	58.4	4.5	71.
12.5	43.1	3421.0	675.0	7.9	-1.4	260.6	6.1	6.0	1.0	314.4	339.6	5.1	51.7	5.3	74.
12.8	43.0	3731.1	650.0	5.7	-4.4	252.4	4.6	4.4	1.4	315.4	328.2	4.3	44.3	7.7	74.
15.0	49.9	4051.0	625.0	4.0	-7.7	249.0	2.6	3.3	1.3	317.1	327.6	3.4	4.1	6.0	74.
15.2	49.9	4381.2	600.0	1.1	-8.8	242.9	2.3	2.0	1.0	317.4	327.5	3.3	47.5	6.2	73.
16.6	52.0	4721.7	575.0	-2.6	-9.9	236.7	2.0	1.7	1.1	317.6	327.3	3.1	54.7	6.4	73.
18.0	55.1	5073.3	550.0	-5.4	-11.9	212.0	3.7	2.8	3.2	317.7	326.4	2.8	60.0	6.6	72.
19.4	59.3	5636.9	525.0	-7.7	-18.1	209.0	6.5	3.2	5.7	319.2	321.6	0.7	17.5	6.9	70.
22.7	61.6	5815.2	500.0	-5.8	-19.0	210.0	8.7	4.4	7.6	323.1	326.6	1.7	47.1	7.4	67.
23.2	65.0	6209.3	475.0	-11.5	-25.8	199.4	8.2	2.7	7.8	323.7	327.0	1.0	29.2	8.0	63.
23.7	69.4	6622.0	450.0	-13.3	-26.6	202.4	7.8	3.1	7.1	326.1	326.7	0.0	1.3	8.5	62.
25.4	72.0	7053.7	425.0	-17.4	-28.8	202.7	8.9	3.4	8.2	326.7	327.0	0.1	2.8	9.2	57.
27.0	75.6	7504.9	400.0	-21.2	-32.2	197.9	12.2	3.8	11.6	327.4	327.7	0.1	4.2	10.0	53.
28.8	79.3	7978.3	375.0	-24.2	-35.4	202.0	18.2	8.8	16.8	329.6	329.8	0.1	3.7	11.4	49.
30.6	83.3	8478.8	350.0	-27.0	-37.6	195.9	18.5	5.1	17.6	332.4	332.6	0.0	3.8	13.2	45.
31.7	87.4	9039.6	325.0	-25.9	-39.2	195.9	21.7	9.8	20.9	335.1	335.4	0.6	3.9	15.3	40.
34.5	91.7	9571.4	300.0	-32.4	-40.5	197.7	25.6	7.8	24.4	339.1	339.6	0.0	4.3	17.8	37.
36.4	96.2	10145.4	275.0	-36.8	-42.7	198.1	33.4	18.4	31.8	342.6	342.1	0.0	4.8	21.0	34.
38.7	101.0	10639.2	250.0	-41.6	-45.9	199.7	34.9	13.1	36.6	345.3	345.4	99.9	99.9	25.9	31.
41.2	106.0	11550.7	225.0	-44.4	-49.9	200.3	44.8	15.6	42.1	350.8	350.9	99.9	99.9	32.1	29.
43.8	111.5	12328.5	200.0	-51.8	-59.9	202.7	47.6	18.3	43.9	352.6	352.6	99.9	99.9	39.7	27.
46.7	117.5	13185.4	175.0	-57.3	-59.9	207.4	42.5	15.6	37.6	355.2	355.2	99.9	99.9	47.3	27.
49.7	124.0	14147.6	150.0	-62.2	-59.9	201.7	32.6	13.1	29.9	363.6	363.6	99.9	99.9	54.0	27.
53.3	131.0	15260.4	125.0	-68.1	-68.1	199.9	25.1	8.3	23.7	375.2	375.2	99.9	99.9	60.0	26.
57.3	139.0	16602.7	100.0	-68.4	-68.4	199.9	12.7	3.3	12.3	375.2	375.2	99.9	99.9	66.6	26.
62.4	147.3	18337.2	75.0	-62.8	-68.4	199.9	157.5	6.5	6.0	441.8	441.8	99.9	99.9	66.8	23.
65.4	156.3	27563.5	50.0	-52.1	-59.9	127.5	8.6	-6.8	5.2	506.8	506.8	99.9	99.9	68.1	23.
81.1	165.3	25156.0	25.0	-44.4	-59.9	599.9	99.9	99.9	99.9	651.2	651.2	99.9	99.9	68.9	17.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270  
EL PASO, TEXAS

7 JUNE 1979  
2305 GMT

TIME MIN	CHCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POV DEG R	E POT DEG K	WIND GPM/KG	RH PCT	RANGE KM	AZ DEG
0.0	19.5	1193.0	874.3	32.6	6.0	250.0	6.8	8.3	3.0	317.7	337.7	6.7	19.0	0.0	0.0
00.9	09.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03.2	03.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.0	09.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.2	09.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	09.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	09.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.1	23.9	1444.0	853.0	27.4	9.0	99.9	99.9	99.9	99.9	314.6	339.6	6.6	31.3	99.9	99.9
2.4	23.4	1707.1	825.0	24.9	7.6	99.9	99.9	99.9	99.9	315.4	338.0	6.0	33.0	99.9	99.9
4.3	25.9	1975.9	800.0	22.6	6.2	99.9	99.9	99.9	99.9	315.4	336.5	7.2	37.9	99.9	99.9
5.9	24.5	2241.0	775.0	20.0	5.3	99.9	99.9	99.9	99.9	315.4	334.6	6.6	40.2	99.9	99.9
7.5	31.1	2512.1	750.0	17.2	3.5	99.9	99.9	99.9	99.9	315.4	335.1	6.7	46.5	99.9	99.9
8.9	31.7	2420.7	725.0	14.6	3.3	99.9	99.9	99.9	99.9	315.4	335.1	6.6	52.1	4.5	71.0
13.2	36.3	3114.1	700.0	12.0	2.5	252.2	7.0	6.7	2.1	315.4	333.4	6.1	57.9	5.1	71.0
11.6	39.1	3419.2	675.0	8.7	0.9	245.0	7.4	6.2	3.3	315.4	332.5	5.7	62.8	5.6	70.0
12.7	41.9	3730.3	650.0	5.9	-0.6	241.8	7.1	6.2	3.3	315.4	332.5	5.7	62.8	6.2	67.0
14.1	44.8	4030.3	625.0	3.2	-5.1	237.4	6.6	5.6	3.6	316.1	328.8	4.2	54.7	6.2	67.0
15.6	47.7	4340.1	600.0	0.9	-9.1	241.7	4.3	3.6	2.0	317.3	327.6	3.5	50.8	6.2	66.0
17.3	50.6	4720.7	575.0	-2.2	-9.3	239.6	4.0	3.5	2.0	317.3	327.6	3.3	58.1	6.9	68.0
18.3	53.6	5122.2	550.0	-5.1	-12.6	225.7	4.9	3.5	3.4	318.6	326.3	2.7	55.7	7.3	68.0
19.6	56.6	5435.9	525.0	-7.7	-18.6	227.2	6.4	4.7	4.4	319.2	324.6	1.7	41.8	7.7	67.0
21.0	59.9	5711.9	500.0	-10.8	-21.2	206.6	8.1	3.6	7.2	321.1	323.0	0.6	15.5	8.2	64.0
24.4	64.4	6619.9	450.0	-12.9	-36.9	204.0	11.2	4.6	10.2	322.1	323.0	0.4	13.3	8.9	61.0
25.9	69.9	7141.0	425.0	-17.5	-39.0	189.3	11.4	1.9	12.6	325.4	327.1	0.4	12.5	10.0	56.0
27.4	73.4	7501.5	400.0	-21.3	-41.2	203.4	9.8	3.9	9.0	327.2	328.2	0.3	14.6	11.6	49.0
29.0	77.0	7974.5	375.0	-24.2	-42.8	214.1	13.9	7.8	11.5	329.6	330.4	0.2	15.9	12.5	47.0
30.5	80.8	8471.3	350.0	-27.5	-46.0	207.4	18.6	10.5	10.5	330.4	331.0	0.2	16.6	14.0	45.0
32.2	84.8	9001.4	325.0	-30.8	-47.9	201.6	23.0	6.5	21.6	334.3	334.6	0.1	16.7	15.9	42.0
34.4	89.0	9566.2	300.0	-33.5	-50.8	202.6	33.2	12.7	30.7	338.1	338.6	0.1	15.6	16.4	39.0
36.8	93.3	10173.3	275.0	-36.8	-53.3	200.8	37.8	13.4	35.3	342.4	342.3	0.1	15.9	24.4	35.0
38.8	98.0	10825.9	250.0	-42.0	-59.9	198.8	40.2	12.9	38.0	343.7	343.7	99.9	99.9	29.0	33.0
40.9	102.8	11533.6	225.0	-46.0	-69.9	197.6	43.3	13.1	41.3	348.1	348.1	99.9	99.9	34.0	30.0
43.4	105.2	12307.5	200.0	-51.9	-69.9	203.1	46.3	18.2	42.6	350.2	350.2	99.9	99.9	40.8	29.0
46.1	114.0	13161.0	175.0	-57.8	-69.9	205.7	39.9	17.3	36.0	354.6	354.6	99.9	99.9	44.0	28.0
48.0	120.0	14123.2	150.0	-62.5	-69.9	190.0	31.4	5.5	30.9	362.4	362.4	99.9	99.9	53.4	29.0
52.3	127.0	15233.6	125.0	-67.8	-69.9	196.1	26.8	7.4	25.6	373.7	373.7	99.9	99.9	59.0	25.0
56.2	134.7	16500.5	100.0	-67.9	-69.9	199.2	11.5	3.8	10.8	394.7	394.7	99.9	99.9	61.8	25.0
61.3	143.0	17111.1	75.0	-67.2	-69.9	163.0	7.4	-2.2	7.1	434.3	399.8	99.9	99.9	65.8	24.0
66.9	152.3	20838.4	50.0	-57.3	-69.9	115.9	8.6	-7.8	3.8	508.7	399.8	99.9	99.9	66.5	23.0
83.9	161.7	25147.8	25.0	-46.5	-69.9	93.6	15.3	-15.5	1.0	651.2	399.8	99.9	99.9	65.2	16.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 276  
EL PASO, TEXAS  
8 JUNE 1979  
205 GMT

TIME MIN	CHTCY	WEIGHT GPM	PREC MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT P DEG K	E POT V DEG K	MN BTO CM/KG	MN PCT	RANGE KM	153	15. 0
0.0	16.9	1193.0	874.0	30.6	29.9	240.0	5.1	5.0	0.9	315.7	331.7	5.4	17.0	0.0	0.0	0.0
0.0	00.0	00.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	00.0	00.0	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	00.0	00.0	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	00.0	00.0	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	00.0	00.0	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.0	21.3	1400.0	850.0	26.9	6.2	247.3	7.4	6.8	2.9	314.4	314.4	7.1	26.8	0.4	0.4	67.0
2.0	23.8	1702.4	825.0	24.5	5.1	251.6	7.0	6.4	2.2	314.2	314.2	6.7	26.6	0.4	0.4	68.0
3.1	26.4	1470.6	800.0	21.8	4.4	247.5	6.1	5.7	2.4	314.4	314.4	6.6	32.0	1.3	1.3	69.0
4.5	29.0	2244.5	775.0	15.2	3.4	243.8	6.6	5.9	2.9	314.4	314.4	6.3	35.1	1.6	1.6	68.0
5.7	31.7	2525.4	750.0	16.6	3.1	243.8	5.7	5.1	2.5	314.2	314.2	6.4	40.8	2.3	2.3	67.0
7.1	34.3	2812.8	725.0	12.9	2.6	245.7	5.4	4.9	2.2	314.7	314.7	6.4	46.5	2.7	2.7	67.0
8.3	37.1	3107.5	700.0	11.2	2.0	246.5	5.7	5.2	2.3	314.8	314.8	6.3	53.1	3.1	3.1	67.0
9.6	39.9	3409.3	675.0	8.1	0.9	235.7	5.3	4.4	3.0	314.7	314.7	6.1	60.4	3.5	3.5	66.0
11.1	42.8	3720.3	650.0	5.3	0.0	233.8	4.8	3.9	2.8	315.6	315.6	5.9	68.4	3.9	3.9	65.0
12.4	45.6	4040.0	625.0	2.8	-2.7	239.2	4.4	3.5	3.3	315.6	315.6	5.0	77.2	4.4	4.4	64.0
13.7	49.5	4368.9	600.0	-0.1	-6.6	236.0	7.3	5.9	4.3	316.6	316.6	3.9	41.8	4.8	4.8	63.0
14.8	51.5	4708.4	575.0	-2.6	-10.9	227.3	8.1	5.9	5.5	317.8	317.8	2.9	52.6	5.4	5.4	62.0
16.0	54.6	5058.6	550.0	-5.1	-17.7	230.3	6.7	6.7	5.5	318.6	318.6	1.7	36.4	6.0	6.0	61.0
17.1	57.7	5423.1	525.0	-8.6	-27.5	234.1	8.7	7.1	8.1	318.6	318.6	0.8	20.2	6.5	6.5	60.0
17.3	63.9	5800.5	500.0	-10.3	-31.2	238.4	5.5	8.1	9.0	320.1	320.1	0.6	18.0	7.2	7.2	60.0
17.5	64.1	6193.4	475.0	-12.8	-39.7	238.4	11.3	9.6	9.9	322.1	322.1	0.7	22.6	8.1	8.1	60.0
21.7	67.6	6604.1	450.0	-15.2	-39.8	225.0	12.1	8.5	8.6	324.1	324.1	0.3	10.1	9.5	9.5	58.0
23.7	71.0	7033.8	425.0	-18.1	-40.4	218.9	12.7	8.0	9.9	325.6	325.6	0.3	12.1	10.8	10.8	54.0
25.1	74.6	7448.0	400.0	-20.3	-40.6	220.6	16.8	10.9	12.8	326.6	326.6	0.7	19.1	12.0	12.0	54.0
26.7	74.3	7959.8	375.0	-24.6	-49.2	217.1	18.5	11.4	18.0	328.6	328.6	0.9	64.6	13.7	13.7	53.0
29.3	82.2	8458.2	350.0	-28.6	-40.5	205.1	20.3	8.6	18.4	330.6	330.6	0.9	83.2	15.5	15.5	50.0
32.2	86.2	8965.9	325.0	-31.4	-40.2	207.4	22.8	10.5	20.2	333.6	333.6	0.4	50.5	17.4	17.4	47.0
32.1	90.3	9468.9	300.0	-35.2	-47.8	208.3	30.7	18.4	27.0	335.6	335.6	0.3	45.1	20.5	20.5	44.0
33.9	94.7	10151.8	275.0	-37.8	-51.8	201.6	37.3	13.7	34.7	340.3	340.3	0.1	21.5	24.1	24.1	41.0
36.0	99.4	10802.2	250.0	-42.2	-59.9	197.2	40.7	12.8	38.8	343.2	343.2	99.9	99.9	28.4	28.4	38.0
37.1	104.2	11507.7	225.0	-47.3	-59.9	197.7	41.7	12.7	39.7	346.8	346.8	99.9	99.9	33.4	33.4	34.0
40.4	139.4	12276.8	200.0	-53.4	-59.9	202.7	42.9	16.5	39.5	348.3	348.3	99.9	99.9	39.3	39.3	32.0
43.3	115.0	13126.6	175.0	-57.1	-59.9	199.7	37.5	12.7	35.3	353.2	353.2	99.9	99.9	46.3	46.3	31.0
46.5	121.3	14088.5	150.0	-62.7	-59.9	183.2	32.4	1.8	32.3	362.1	362.1	99.9	99.9	52.5	52.5	29.0
49.4	124.0	15195.7	125.0	-68.0	-59.9	194.8	29.4	7.5	28.4	371.6	371.6	99.9	99.9	58.2	58.2	26.0
53.3	134.8	16332.0	100.0	-68.0	-59.9	169.1	10.6	-2.0	10.5	394.4	394.4	99.9	99.9	62.1	62.1	25.0
55.1	144.7	18286.4	75.0	-65.6	-59.9	184.4	8.6	0.8	6.5	435.3	435.3	99.9	99.9	63.6	63.6	25.0
60.8	154.7	20770.7	50.0	-59.2	-59.9	112.9	5.7	-0.9	3.8	534.6	534.6	99.9	99.9	64.1	64.1	23.0
76.0	165.5	25242.8	25.0	-50.3	-59.9	92.3	13.7	-13.7	0.0	640.3	640.3	99.9	99.9	61.8	61.8	18.0

00 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
00 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270  
EL PASO, TEXAS

8 JUNE 1979  
505 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG C	E POT T DEG C	MR RTO CM/KG	RM PCT	RANGE AZ KM	150 13.0
0.0	18.9	1193.0	875.5	26.9	6.3	200.0	3.1	1.1	2.9	311.7	331.6	6.9	27.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	19.9	1198.0	875.0	27.1	7.2	220.5	6.2	3.0	3.0	311.9	333.0	7.3	28.4	0.1	26.0
0.9	21.4	1194.1	875.0	26.2	6.9	267.9	8.1	8.1	0.3	313.8	335.0	7.4	29.4	0.4	26.0
1.9	23.8	1196.1	825.0	24.5	6.2	258.8	10.0	9.9	1.9	316.4	335.8	7.3	31.0	1.0	81.0
3.0	26.3	1198.4	800.0	22.0	5.9	257.3	14.2	8.9	2.0	314.4	335.9	7.3	35.0	1.6	81.0
4.1	29.9	1225.8	775.0	15.3	4.7	255.6	17.9	7.6	2.0	314.4	335.9	7.0	38.1	2.2	30.0
5.2	31.6	1233.9	750.0	16.9	4.0	250.6	17.6	7.2	2.5	315.2	334.9	6.8	42.1	2.7	74.0
6.3	34.1	1247.7	725.0	14.1	3.2	247.8	17.0	6.5	2.6	314.5	334.5	6.7	47.8	3.2	77.0
7.6	36.8	1122.8	700.0	11.5	2.5	235.6	19.5	4.6	3.1	315.2	334.7	6.6	53.9	3.6	76.0
8.9	39.4	1125.8	675.0	8.7	1.6	219.4	21.2	3.7	4.5	315.2	334.1	6.4	61.1	4.1	73.0
9.9	42.3	1126.4	650.0	5.5	0.4	213.2	21.0	2.8	4.2	315.2	333.2	6.1	69.0	4.3	70.0
12.4	45.1	1126.2	625.0	-0.6	-1.6	213.2	18.6	2.9	3.6	315.2	333.3	6.5	88.1	4.5	67.0
13.8	53.9	1126.2	575.0	-3.3	-4.2	222.7	16.9	5.2	4.6	316.1	330.7	4.9	98.0	5.4	63.0
15.1	53.9	1126.2	550.0	-5.1	-15.7	227.9	8.3	6.1	5.5	318.1	324.6	2.1	143.1	6.0	62.0
16.4	57.0	1126.2	525.0	-7.8	-12.5	213.2	9.8	5.4	8.2	319.1	327.6	2.8	168.7	6.7	60.0
17.9	63.1	1126.2	500.0	-10.2	-20.1	211.2	10.3	5.3	8.8	321.5	324.0	0.6	163.3	7.4	57.0
19.5	63.4	1126.2	475.0	-11.3	-33.1	213.4	11.5	6.7	9.4	324.0	325.7	0.5	144.4	8.4	54.0
23.9	66.6	1126.2	450.0	-14.3	-34.5	217.7	14.9	9.1	11.8	325.3	326.4	0.5	103.7	9.5	52.0
22.7	73.1	1126.2	425.0	-17.3	-34.7	218.8	16.1	11.3	14.1	326.4	326.4	0.5	20.3	11.2	50.0
24.4	73.6	1126.2	400.0	-20.4	-33.1	218.5	17.6	11.0	13.8	328.2	330.5	0.6	31.0	13.1	48.0
26.3	77.3	1126.2	375.0	-24.1	-39.5	214.2	17.0	10.0	14.7	329.7	330.9	0.3	22.5	15.1	47.0
28.3	81.1	1126.2	350.0	-28.1	-37.0	203.2	16.2	7.1	16.7	330.5	332.4	0.5	42.1	17.1	45.0
30.2	85.0	1126.2	325.0	-31.7	-37.7	201.8	14.9	9.3	23.1	333.0	336.7	0.4	54.6	17.2	42.0
32.5	89.2	1126.2	300.0	-35.1	-54.7	204.8	12.3	14.4	32.2	335.9	336.2	0.1	11.5	21.3	38.0
34.9	93.5	1126.2	275.0	-37.7	-60.8	198.5	10.3	12.3	36.8	338.2	336.7	0.0	8.8	28.2	36.0
36.9	95.0	1126.2	250.0	-41.7	-69.9	191.9	42.5	8.7	41.6	344.1	339.9	99.9	99.9	33.1	32.0
39.1	103.0	11312.5	225.0	-46.6	-59.9	191.0	42.6	8.1	41.0	347.1	339.9	99.9	99.9	36.3	29.0
41.6	109.2	12332.0	200.0	-42.8	-59.9	193.7	41.7	9.9	40.5	349.1	339.9	99.9	99.9	44.5	27.0
44.4	113.6	13154.0	175.0	-47.8	-59.9	198.2	40.6	13.6	30.3	350.2	339.9	99.9	99.9	51.2	25.0
47.3	119.8	14116.9	150.0	-43.0	-59.9	194.5	38.6	8.9	34.4	361.7	339.9	99.9	99.9	57.8	25.0
50.8	126.5	15279.1	125.0	-45.3	-59.9	203.0	28.4	11.1	28.1	374.9	339.9	99.9	99.9	64.9	24.0
54.9	134.3	16508.3	100.0	-48.9	-59.9	187.8	17.0	2.4	17.7	394.4	339.9	99.9	99.9	70.5	24.0
59.8	142.7	18136.3	75.0	-43.4	-59.9	139.5	6.3	-4.1	4.8	440.0	339.9	99.9	99.9	73.1	23.0
67.3	152.3	20421.9	50.0	-57.3	-59.9	102.1	10.1	-9.9	2.1	508.2	339.9	99.9	99.9	72.6	20.0
79.4	165.3	25303.6	25.0	-46.5	-59.9	99.9	99.9	99.9	99.9	655.7	339.9	99.9	99.9	70.7	13.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 276  
EL PASO, TEXAS

8 JUNE 1979  
805 GMT

TIME MIN	CHCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WZ RTO CM/KG	RH PCT	RANGE AZ KM	151 10. 0
0.0	18.5	1193.0	876.1	24.3	7.9	260.0	4.1	4.0	0.7	308.5	330.0	7.7	35.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.8	99.9	99.9	975.0	95.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02.7	99.9	99.9	950.0	90.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03.6	99.9	99.9	925.0	85.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04.5	99.9	99.9	900.0	80.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05.4	99.9	1203.0	875.0	24.4	6.5	260.0	4.1	4.1	0.7	309.1	321.9	8.1	36.0	0.0	18.
06.3	21.1	1457.9	850.0	23.6	10.4	268.3	5.4	5.4	0.2	310.5	337.4	9.4	43.2	0.2	83.
07.2	23.6	1717.9	825.0	21.4	9.6	269.0	8.8	8.8	0.0	311.2	337.3	9.2	46.8	0.0	99.
08.1	26.1	1984.1	800.0	19.8	8.2	275.0	9.8	5.7	-1.0	312.3	336.0	8.6	47.2	1.5	90.
09.0	28.7	2257.1	775.0	17.8	7.4	272.5	8.3	8.2	-0.4	312.5	337.1	8.4	50.8	2.1	92.
10.0	31.3	2530.6	750.0	15.7	6.2	256.0	5.2	5.1	1.2	313.6	336.5	8.0	53.1	2.4	91.
11.0	34.0	2827.5	725.0	13.3	4.0	235.7	3.4	2.8	1.9	316.6	334.6	7.1	53.5	2.6	89.
12.0	36.6	3118.1	703.0	11.1	2.0	203.4	3.5	1.2	3.3	316.6	333.4	6.3	53.2	2.7	87.
13.0	39.3	3420.5	675.0	8.3	0.8	175.3	5.6	-0.1	5.8	316.5	332.6	4.0	59.1	2.8	81.
14.0	42.1	3731.4	653.0	5.8	-0.7	181.5	7.0	0.2	7.0	315.2	332.2	3.6	63.8	2.9	72.
15.0	44.9	4051.2	625.0	3.1	-3.1	194.1	8.4	2.0	0.1	316.6	330.6	4.9	63.7	3.1	63.
16.0	47.9	4390.9	600.0	0.8	-5.4	212.0	10.8	5.7	9.2	317.0	329.9	6.3	63.2	3.6	57.
17.0	50.9	4721.3	575.0	-2.1	-7.6	217.4	12.7	7.7	10.1	317.2	329.0	3.8	65.9	4.4	53.
18.0	53.9	5073.0	550.0	-5.0	-12.0	218.9	14.6	9.2	11.4	318.2	328.7	3.8	67.9	5.4	51.
19.0	57.0	5436.9	525.0	-7.7	-25.4	221.3	14.3	9.4	10.8	319.2	322.3	0.9	72.4	6.5	49.
20.0	60.1	5813.6	500.0	-10.4	-32.0	225.9	13.3	9.5	9.2	321.6	323.2	0.5	72.6	7.8	48.
21.0	63.4	6209.8	475.0	-12.1	-34.1	221.7	12.7	8.5	9.5	323.0	324.5	0.4	74.0	8.9	47.
22.0	66.7	6620.8	450.0	-15.1	-34.2	224.4	14.2	9.9	10.1	324.5	325.9	0.5	74.8	10.1	47.
23.0	70.1	7050.2	425.0	-17.6	-34.4	220.5	17.2	11.2	13.1	324.4	328.1	0.5	74.8	11.5	47.
24.0	73.7	7501.9	403.0	-20.4	-39.6	216.2	20.2	11.9	16.3	325.4	329.4	0.3	74.8	13.3	45.
25.0	77.4	7975.8	375.0	-24.3	-41.7	211.5	21.1	11.0	18.0	326.4	330.3	0.3	74.8	15.2	44.
26.0	81.3	8475.7	350.0	-26.9	-46.9	207.4	27.1	12.5	20.1	327.4	333.0	0.2	74.8	17.2	42.
27.0	85.3	9007.3	325.0	-31.7	-49.2	206.2	33.5	14.3	30.1	333.0	335.5	0.1	74.8	20.6	40.
28.0	89.5	9545.7	300.0	-35.9	-52.3	204.2	38.7	15.9	35.3	334.8	335.2	0.1	74.8	24.6	37.
29.0	93.8	10145.1	275.0	-40.0	-59.9	201.0	41.3	14.8	38.7	337.2	339.0	99.9	74.8	29.4	35.
30.0	98.4	10808.3	250.0	-45.6	-69.9	193.0	44.8	10.1	43.7	338.2	339.9	99.9	74.8	34.1	32.
31.0	103.2	11508.2	225.0	-49.2	-69.9	193.3	49.7	11.4	49.4	343.1	339.9	99.9	74.8	40.3	29.
32.0	108.5	12273.8	200.0	-51.9	-69.9	201.3	45.7	16.0	42.5	350.6	339.9	99.9	74.8	48.8	27.
33.0	114.3	13130.5	175.0	-55.5	-69.9	193.6	35.4	8.4	34.4	358.2	339.9	99.9	74.8	55.7	26.
34.0	120.3	14099.6	150.0	-61.8	-69.9	193.8	35.9	8.6	34.9	363.7	339.9	99.9	74.8	62.4	24.
35.0	127.3	15211.9	125.0	-64.8	-64.8	199.9	33.4	11.4	31.4	371.6	339.9	99.9	74.8	68.8	24.
36.0	135.0	16545.3	100.0	-70.2	-69.9	183.7	19.8	1.3	19.7	372.1	339.9	99.9	74.8	75.1	23.
37.0	143.3	18287.8	75.0	-75.2	-69.9	152.2	9.4	-4.4	4.4	435.6	339.9	99.9	74.8	77.7	22.
38.0	153.0	20791.1	50.0	-77.6	-69.9	100.6	8.7	-8.5	1.6	507.7	339.9	99.9	74.8	78.2	20.
39.0	162.5	23276.6	25.0	-80.4	-69.9	93.4	13.5	-13.5	0.8	608.7	339.9	99.9	74.8	75.1	14.

0 99 SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
00 99 SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270  
EL PASO, TEXAS  
0 JUNE 1979  
1105 GMT

TIME MIN	CHTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Z DEG M	E POT Y DEG M	WZ RTO GPM/SEC	RM PCT	RANGE NM	AZ DEG
0.0	10.5	1193.0	876.4	20.3	9.2	220.0	1.5	1.0	1.1	304.7	320.1	0.0	49.0	0.0	0.0
00.9	00.9	99.9	1000.0	95.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	00.9	99.9	975.0	94.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	00.9	99.9	950.0	90.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	00.9	99.9	925.0	90.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	00.9	99.9	903.0	90.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	18.0	1200.9	875.0	20.9	9.0	999.9	99.9	99.9	99.9	308.0	320.1	0.0	49.0	99.9	99.9
1.0	21.1	1450.2	850.0	21.4	9.5	999.9	99.9	99.9	99.9	308.0	320.1	0.0	49.0	99.9	99.9
2.0	23.6	1711.4	825.0	15.7	9.3	999.9	99.9	99.9	99.9	309.0	330.7	0.0	50.0	99.9	99.9
3.0	26.1	1902.2	802.0	12.0	8.5	307.0	5.2	4.1	-3.2	310.2	335.1	0.0	52.0	0.0	14.0
4.1	27.7	2253.3	775.0	10.9	7.1	302.1	3.0	3.1	-1.9	310.5	335.3	0.0	55.7	0.0	15.0
5.2	31.3	2531.7	750.0	14.7	5.9	250.0	1.5	1.0	0.5	312.1	330.0	7.5	60.0	0.0	13.0
6.4	33.9	2817.6	725.0	12.4	4.9	219.7	3.0	1.0	2.3	313.1	330.0	7.5	60.0	0.0	13.0
7.6	36.7	3110.9	700.0	5.7	3.3	193.2	9.9	1.3	5.7	313.1	330.0	7.0	60.0	0.0	11.0
8.9	39.3	3412.4	675.0	7.7	0.8	183.3	10.0	0.6	10.0	313.1	330.0	6.0	61.0	0.0	7.0
10.0	42.1	3723.0	650.0	0.1	-2.0	184.9	12.0	1.4	11.9	315.5	331.2	5.1	64.1	1.4	3.0
11.2	45.0	4043.3	625.0	3.3	-0.7	201.0	12.0	4.5	11.7	316.2	330.0	5.0	70.0	2.0	2.0
12.5	47.9	4373.1	600.0	0.2	-2.4	206.9	13.0	6.2	12.1	316.4	330.0	5.0	82.0	3.0	2.0
13.8	50.9	4713.0	575.0	-2.5	-5.2	210.0	15.4	7.9	13.3	317.1	329.2	4.0	72.0	4.0	2.0
15.4	53.9	5045.0	550.0	-5.6	-9.3	217.4	15.4	9.9	13.0	317.1	329.2	3.4	76.0	5.0	2.0
16.9	57.0	5427.0	525.0	-14.4	-13.2	222.3	15.6	10.5	11.6	318.2	320.0	2.0	66.0	7.3	3.0
18.2	60.1	5806.0	500.0	-0.0	-31.9	223.3	14.9	10.2	10.9	321.3	323.2	0.5	10.2	8.5	3.0
19.3	63.4	6190.5	475.0	-12.0	-31.0	222.0	13.8	9.4	10.1	322.1	323.1	0.5	10.5	9.3	3.0
20.3	66.7	6600.5	450.0	-10.0	-32.7	226.9	13.0	10.0	9.3	323.1	323.0	0.5	27.0	10.2	3.0
22.0	70.3	7036.6	425.0	-10.7	-32.6	229.1	13.4	10.9	9.4	325.0	327.0	0.6	28.1	11.5	3.0
24.0	73.9	7487.4	400.0	-20.2	-38.2	224.1	13.3	10.0	10.3	328.0	330.0	0.3	10.1	13.0	3.0
26.1	77.7	7962.9	375.0	-23.4	-43.0	219.0	13.1	0.8	12.3	330.0	331.4	0.2	14.5	15.0	3.0
27.2	81.3	8463.7	350.0	-27.2	-46.7	206.7	13.5	8.3	10.5	332.0	332.7	0.2	15.7	16.2	3.0
29.0	85.3	8953.2	325.0	-30.4	-48.7	205.9	24.2	10.9	21.7	336.0	335.3	0.1	14.7	17.9	3.0
30.8	89.7	9537.9	300.0	-38.1	-45.0	204.4	31.4	13.0	20.6	339.0	330.0	0.2	30.5	21.5	3.0
31.0	94.0	10150.0	275.0	-39.9	-50.9	199.2	33.8	11.4	35.0	337.0	330.0	0.0	55.0	25.0	3.0
33.3	98.0	10801.0	250.0	-45.0	-50.9	195.0	33.2	9.0	35.0	337.0	330.0	0.0	55.0	30.4	3.0
37.4	103.0	11404.5	225.0	-51.4	-59.0	192.7	40.1	8.0	39.1	339.0	330.0	0.0	55.0	35.0	2.0
40.1	109.0	12202.9	200.0	-53.0	-69.0	167.3	40.9	13.0	40.8	347.0	330.0	0.0	55.0	41.5	2.0
43.0	115.0	13102.3	175.0	-57.4	-69.0	203.2	41.9	10.0	40.8	350.0	330.0	0.0	55.0	49.0	2.0
46.4	121.3	14075.3	150.0	-50.2	-50.9	203.0	37.3	14.0	34.3	348.1	330.0	0.0	55.0	57.5	2.0
49.2	129.5	15203.1	125.0	-65.0	-50.9	183.4	27.2	1.9	27.2	378.0	330.0	0.0	55.0	62.0	2.0
51.4	136.3	16345.0	100.0	-67.5	-50.9	194.0	20.4	4.0	19.0	397.0	330.0	0.0	55.0	68.4	2.0
54.0	143.3	18207.1	75.0	-65.5	-50.9	99.9	99.9	99.9	99.9	435.7	330.0	0.0	55.0	71.0	2.0
56.9	99.9	99.9	50.0	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
59.9	99.9	99.9	25.0	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 327  
NASHVILLE, TENNESSEE

7 JUNE 1979  
1113 GMT

TIME MIN	CNTCE	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V OG M	2 POT T DC K	MR RTO CM/KG	RH PCT	RANGE AZ KM	10. 0
0.0	7.3	180.0	991.7	20.0	19.3	140.0	2.6	-1.7	2.0	293.5	331.1	14.4	96.0	0.0	0.0
0.5	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.6	8.8	327.0	975.0	20.1	19.4	192.4	10.9	3.5	10.4	293.4	333.7	14.8	95.8	0.3	342.0
1.5	11.1	552.9	950.0	21.4	20.8	201.6	15.7	5.8	14.6	299.1	342.6	16.5	95.0	1.0	8.0
2.5	11.5	745.6	925.0	21.4	20.0	204.9	16.2	6.8	14.7	301.2	344.0	16.2	91.8	1.9	16.0
3.4	15.8	1073.5	900.0	19.6	18.5	210.0	14.9	7.2	12.5	301.3	341.9	15.1	93.3	2.8	19.0
4.5	19.2	1266.5	875.0	17.6	16.4	212.5	14.0	7.5	11.8	302.1	338.4	13.6	92.8	3.7	22.0
5.6	23.6	1514.7	850.0	15.9	15.1	216.3	13.9	8.2	11.2	302.5	337.4	12.4	94.8	4.3	25.0
6.6	23.1	1766.3	825.0	13.8	12.9	221.1	13.7	9.6	11.0	303.2	334.3	11.5	94.4	5.3	29.0
7.7	25.6	2024.2	800.0	12.8	11.7	222.3	13.1	8.8	9.7	304.4	334.6	10.9	93.0	6.3	29.0
8.9	28.1	2294.8	775.0	11.1	9.3	219.3	12.9	8.2	10.0	305.8	332.2	9.6	86.7	7.2	31.0
10.1	30.7	2564.7	750.0	10.2	6.3	215.2	13.5	8.0	11.4	305.8	332.2	8.0	76.9	8.1	32.0
11.3	33.3	2850.8	725.0	5.0	7.0	211.2	13.6	6.7	11.1	309.3	333.9	8.7	87.4	9.1	32.0
12.7	36.0	3141.0	700.0	7.9	-8.4	211.1	13.3	6.9	11.4	311.2	328.0	2.9	30.5	10.2	32.0
14.1	39.7	3440.1	675.0	5.3	-8.4	210.1	13.4	6.7	11.6	311.6	332.3	7.2	85.9	11.4	31.0
15.5	41.4	3748.1	650.0	3.2	-3.0	215.3	14.0	8.1	11.4	312.4	333.9	7.4	58.6	12.5	31.0
16.8	43.2	4066.0	625.0	1.5	-1.4	221.7	14.1	9.4	10.4	315.2	334.0	6.8	58.9	13.6	32.0
18.1	47.1	4394.3	600.0	-0.8	-1.0	224.4	13.4	9.4	9.6	315.2	332.8	6.0	98.5	14.8	33.0
19.7	50.0	4733.7	575.0	-2.6	-2.9	220.6	13.9	9.7	11.3	318.9	333.1	5.4	98.3	15.9	34.0
21.0	53.0	5084.6	550.0	-6.9	-16.6	213.3	13.3	7.5	11.0	319.5	321.9	1.9	45.8	17.1	34.0
22.9	56.1	5449.9	525.0	-5.8	-10.0	220.1	14.6	9.4	11.2	321.1	332.1	3.4	72.0	18.6	34.0
24.7	58.3	5831.2	500.0	-8.0	-13.4	225.5	14.7	11.5	11.7	323.2	332.0	2.7	45.3	20.3	35.0
26.5	62.5	6277.6	475.0	-11.5	-13.4	220.7	14.9	12.9	10.9	323.7	332.8	2.9	45.8	22.0	36.0
28.7	65.9	6660.9	450.0	-13.1	-40.3	241.3	17.2	15.4	8.5	326.7	327.7	0.3	8.4	24.2	36.0
30.9	69.3	7073.7	425.0	-16.3	-40.3	251.1	19.9	18.8	6.4	328.1	329.1	0.3	10.2	26.3	40.0
33.3	72.9	7526.6	400.0	-15.9	-40.2	250.0	22.4	21.1	7.7	329.2	330.2	0.3	14.3	29.1	43.0
35.4	76.4	8002.3	375.0	-23.0	-44.4	251.8	23.2	22.5	6.1	331.2	331.2	0.0	1.0	32.1	46.0
38.5	80.3	8503.9	350.0	-26.6	-46.5	258.4	23.3	22.8	4.7	335.6	333.5	0.2	13.7	35.5	49.0
41.0	84.3	9035.3	325.0	-30.0	-52.4	263.4	23.9	23.8	2.8	338.4	335.0	0.1	14.4	38.5	52.0
43.7	88.4	9602.9	300.0	-33.0	-38.4	267.5	21.4	24.1	0.5	338.6	340.6	0.3	37.9	41.6	55.0
46.8	92.4	10101.9	275.0	-36.9	-44.7	271.0	21.4	24.1	-0.5	341.7	342.7	0.3	44.8	44.9	58.0
49.7	97.5	10644.3	250.0	-41.5	-59.9	271.4	33.9	33.9	-0.5	344.2	349.9	0.3	99.9	49.5	61.0
53.8	102.4	11171.6	225.0	-46.6	-59.9	271.3	42.1	42.1	-1.8	347.2	349.9	0.3	99.9	56.0	65.0
56.6	107.8	11642.0	200.0	-53.8	-59.9	272.5	48.4	45.3	-2.8	348.4	349.9	0.3	99.9	64.8	69.0
60.6	113.6	12189.8	175.0	-55.8	-59.9	275.4	48.4	41.9	-3.9	351.2	349.9	0.3	99.9	73.8	72.0
64.5	120.0	12695.5	150.0	-64.2	-59.9	281.9	33.8	33.1	-7.0	359.2	349.9	0.3	99.9	82.9	75.0
69.2	127.0	13246.3	125.0	-65.1	-59.9	282.7	16.9	16.4	-4.1	365.6	349.9	0.3	99.9	89.0	77.0
74.8	135.0	13869.8	100.0	-68.5	-59.9	291.6	6.3	7.7	-3.0	393.2	349.9	0.3	99.9	93.5	78.0
81.0	141.7	14502.8	75.0	-61.4	-59.9	311.5	5.1	3.8	-3.4	433.4	349.9	0.3	99.9	94.4	79.0
82.9	153.3	23812.4	50.0	-56.4	-59.9	105.3	8.8	-8.5	-2.3	508.1	349.9	0.3	99.9	91.3	80.0
109.2	163.0	25241.0	25.0	-45.4	-59.9	999.9	99.9	99.9	99.9	642.7	999.9	99.9	99.9	80.7	79.0

0.9V SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG

0. BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 327  
NASHVILLE, TENNESSEE7 JUNE 1979  
1435 GMT

103 11. 0

TIME MIN	CHTCY	WEIGHT GPM	WRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POV 1 DEG	POV 2 DEG	WZ RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	7.0	100.0	992.0	20.2	25.3	180.0	3.4	6.0	3.6	300.0	354.0	21.0	95.0	0.0	0.
00.0	99.0	99.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.7	9.3	310.1	575.0	24.3	22.3	124.4	8.0	0.7	8.5	290.0	340.1	17.7	80.0	0.3	6.
1.6	11.0	500.0	950.0	22.3	20.0	199.0	9.0	3.3	9.2	290.0	343.4	16.6	91.0	0.9	9.
2.7	13.0	700.1	975.0	21.0	19.7	210.0	12.0	6.5	11.0	300.0	342.0	15.9	92.0	1.5	17.
3.6	16.0	1030.0	900.0	20.0	18.1	214.7	12.0	9.5	13.0	303.7	342.2	15.7	95.0	2.3	23.
4.5	19.7	1200.0	875.0	18.9	15.9	210.7	17.0	10.6	15.7	303.4	338.0	15.1	82.0	3.3	27.
5.5	21.2	1520.0	850.0	17.5	14.1	210.0	19.1	11.0	15.1	304.0	337.2	12.0	80.2	4.3	29.
6.4	23.0	1700.0	825.0	15.5	13.1	210.7	19.1	12.0	15.9	305.0	336.0	11.6	75.5	5.5	31.
7.4	24.0	2300.0	800.0	14.3	11.2	217.9	16.6	10.2	13.1	306.4	335.0	10.5	61.0	6.6	33.
8.7	26.7	2310.0	775.0	12.1	10.0	218.2	15.7	9.7	12.4	306.6	335.3	10.2	58.0	7.7	33.
9.4	31.2	2500.0	750.0	10.9	7.2	216.7	15.0	9.2	12.4	306.6	335.3	10.2	58.0	7.7	33.
10.3	33.0	2570.0	725.0	5.6	1.4	216.1	13.7	8.1	11.1	310.0	326.0	9.9	56.7	9.7	34.
11.9	34.5	3100.0	700.0	5.0	0.7	216.4	12.6	7.5	10.1	311.4	326.0	9.9	56.7	10.5	34.
12.0	39.2	3401.3	675.0	4.2	-0.7	217.4	12.5	7.0	9.9	312.6	326.3	9.9	56.7	11.3	34.
14.1	42.0	3700.0	650.0	4.0	-6.3	218.7	14.1	8.0	11.0	313.0	326.6	9.9	56.7	12.2	35.
15.4	44.0	4000.0	625.0	3.4	-3.1	220.6	14.1	10.5	12.2	316.4	331.0	9.9	56.7	13.3	35.
16.9	47.7	4300.0	600.0	1.0	-4.2	221.0	16.2	10.7	12.2	317.3	330.0	9.9	56.7	14.8	35.
18.5	50.4	4700.0	575.0	-0.6	-5.0	226.0	16.5	11.9	11.4	319.2	333.3	9.9	56.7	16.4	36.
20.1	53.6	5110.0	550.0	-2.0	-7.4	230.6	16.0	13.0	10.7	321.0	333.2	9.9	56.7	17.9	37.
21.4	56.6	5400.0	525.0	-5.2	-11.3	239.9	17.5	14.2	9.9	322.0	331.0	9.9	56.7	19.3	39.
22.8	59.9	5700.0	500.0	-8.6	-14.6	243.5	20.0	17.9	9.9	325.0	330.0	9.9	56.7	20.7	40.
24.5	63.0	6200.0	475.0	-5.1	-15.0	243.1	20.0	18.3	9.3	326.7	334.4	9.9	56.7	22.0	42.
26.1	66.4	6700.0	450.0	-12.3	-20.7	242.4	19.1	16.0	9.9	327.7	333.2	9.9	56.7	24.3	44.
27.9	69.9	7110.0	425.0	-14.9	-24.1	245.0	20.5	18.7	9.9	329.0	331.7	9.9	56.7	26.3	45.
29.4	73.0	7570.0	400.0	-16.0	-24.6	248.0	23.2	21.5	9.9	331.7	333.5	9.9	56.7	28.1	47.
31.2	77.0	8040.0	375.0	-21.3	-28.7	248.0	23.9	22.1	9.9	333.4	336.7	9.9	56.7	30.0	49.
33.3	80.0	8500.0	350.0	-25.0	-37.4	250.0	27.0	21.0	7.3	335.0	336.6	9.9	56.7	31.2	50.
35.4	86.0	9000.0	325.0	-28.0	-36.3	254.3	21.7	20.9	9.9	336.0	336.7	9.9	56.7	33.9	52.
37.5	89.0	9400.0	300.0	-21.6	-37.2	260.5	20.6	20.3	3.4	340.0	342.7	9.9	56.7	38.2	54.
39.7	93.3	10270.0	275.0	-36.0	-42.0	262.6	27.2	27.2	0.7	343.1	344.3	9.9	56.7	40.8	56.
41.0	96.0	10920.0	250.0	-41.3	-49.9	273.6	35.7	35.7	-2.3	348.7	349.5	9.9	56.7	44.4	59.
44.4	103.0	11610.0	225.0	-42.4	-49.9	275.2	41.4	41.3	-3.7	367.4	369.0	9.9	56.7	49.1	63.
47.0	104.2	12400.0	200.0	-52.0	-59.0	271.0	46.0	46.0	-1.5	368.0	369.0	9.9	56.7	53.2	67.
50.0	116.0	13250.0	175.0	-59.0	-59.0	273.3	42.0	42.7	-2.5	368.0	369.0	9.9	56.7	62.0	70.
53.3	123.3	14110.0	150.0	-64.0	-64.0	281.4	36.7	36.0	-3.2	368.0	369.0	9.9	56.7	70.3	73.
57.0	127.3	14310.0	125.0	-67.0	-67.0	281.4	20.5	20.1	-3.7	373.0	369.0	9.9	56.7	75.4	75.
61.4	135.3	16000.0	100.0	-64.3	-64.3	276.7	8.9	8.0	-1.0	369.4	369.0	9.9	56.7	78.6	76.
66.6	144.0	18100.0	75.0	-84.4	-69.0	91.4	0.1	-1.2	-0.0	369.0	369.0	9.9	56.7	78.7	77.
70.2	150.0	20000.0	50.0	-57.0	-69.0	91.7	0.7	-0.7	0.3	507.0	509.0	9.9	56.7	78.7	77.
80.5	163.7	25010.0	25.0	-47.5	-69.0	999.0	99.0	99.0	99.0	640.0	640.0	99.0	99.0	70.0	75.

0.17 SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
 0.17 TEMP MEANS TEMPERATURE OR TIME PAUSE BEFN INTERPOLATED  
 00.01 SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 327  
NASHVILLE, TENNESSEE  
7 JUNE 1979  
1700 GMT

TIME MIN	CNCTY	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG F	E POT T DEG F	MR BTO CM/SEC	MR PCT	RANGE NM	AZ DEG
00	79	180.0	993.1	27.3	23.3	180.0	5.1	0.0	5.1	301.1	349.9	18.5	78.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	9.4	342.6	975.0	24.6	20.9	187.6	8.0	1.1	7.9	299.5	343.6	16.2	79.8	0.3	6.
1.5	17.0	370.5	973.0	22.6	20.7	187.3	9.2	1.2	9.2	300.1	343.4	16.4	80.0	0.7	5.
2.5	17.4	402.9	975.0	21.0	18.5	202.3	11.9	4.5	11.0	300.8	339.8	14.7	86.0	1.3	12.
3.5	16.9	1040.5	990.0	20.2	18.0	212.6	13.2	7.1	11.1	302.2	338.8	12.8	78.7	2.0	16.
4.2	16.3	1253.6	875.0	15.3	13.1	220.9	15.2	5.9	11.6	303.6	338.6	10.9	87.3	2.7	22.
5.1	21.8	1533.0	850.0	17.2	15.0	220.9	16.3	10.7	12.3	304.1	338.9	12.8	87.7	3.5	27.
6.2	26.4	1748.3	825.0	15.1	13.8	223.3	16.4	11.2	11.9	304.2	337.6	12.2	92.1	4.5	30.
7.2	28.9	2362.9	800.0	13.3	11.2	225.4	17.2	12.7	12.5	305.2	336.4	10.6	87.4	5.5	33.
8.3	28.6	2316.6	775.0	11.9	9.4	225.1	17.7	12.6	12.5	306.2	335.5	9.7	85.5	6.4	35.
9.5	32.2	2590.9	750.0	10.1	9.4	223.7	16.1	12.5	13.1	307.2	335.4	10.0	85.4	7.9	36.
10.7	35.9	2973.0	725.0	8.5	7.2	223.6	16.8	11.6	12.2	308.2	335.7	8.8	81.1	9.2	38.
11.9	37.6	3163.2	700.0	6.7	6.0	220.0	16.1	10.4	12.3	309.5	335.9	6.5	85.4	10.4	38.
13.2	42.3	3462.0	675.0	5.6	3.0	222.8	14.3	9.7	10.5	311.9	333.1	7.4	86.9	11.6	38.
14.6	48.2	3770.9	650.0	4.0	3.0	230.2	15.2	11.7	9.7	313.6	336.0	7.3	82.6	12.7	39.
15.9	48.3	4349.7	625.0	2.2	0.7	233.7	15.5	12.6	9.4	315.0	336.0	4.5	89.3	16.0	40.
17.5	48.0	4619.2	600.0	0.1	-1.7	234.9	15.3	12.5	8.8	316.2	336.0	5.9	90.8	13.4	42.
19.0	52.0	4760.0	575.0	-1.2	-3.3	228.3	17.6	13.2	11.7	318.2	336.4	5.2	85.3	16.9	43.
20.6	55.1	5113.3	550.0	-3.8	-10.1	231.2	16.2	12.6	10.2	319.2	328.7	3.3	82.2	18.5	43.
22.1	58.1	5480.6	525.0	-4.2	-13.4	231.8	16.1	13.0	9.5	323.4	327.1	1.1	20.7	19.9	44.
23.8	61.5	5663.9	500.0	-6.7	-18.2	233.9	17.3	13.8	10.4	324.9	330.2	1.6	34.9	21.5	45.
25.5	64.9	6252.8	475.0	-8.0	-20.1	234.3	18.0	14.6	10.5	327.2	330.0	0.8	18.9	23.3	45.
27.3	64.3	6679.4	450.0	-11.6	-24.8	242.7	16.7	17.5	9.0	328.7	330.1	0.4	11.5	27.4	46.
29.1	71.7	7114.9	425.0	-14.4	-26.8	248.4	22.4	19.2	7.6	330.2	332.1	0.4	14.9	27.4	46.
32.7	75.4	7571.3	400.0	-18.1	-31.9	250.2	22.4	21.0	7.6	331.5	333.4	0.6	26.2	29.4	49.
35.0	81.0	8349.6	375.0	-21.9	-29.6	253.0	24.0	22.8	7.0	332.8	335.7	0.9	49.7	31.0	51.
37.4	87.2	8553.4	350.0	-26.2	-35.3	250.9	25.7	25.0	5.8	333.2	335.4	0.5	41.8	35.2	53.
40.3	91.4	9083.0	325.0	-27.4	-32.2	263.4	24.5	24.5	6.3	338.9	341.8	0.8	43.6	38.4	56.
42.8	98.0	10269.9	300.0	-31.4	-36.0	285.8	22.1	22.0	1.6	341.1	343.2	0.2	43.9	41.4	59.
45.6	103.7	10923.5	275.0	-36.9	-41.7	261.6	24.4	24.1	3.5	341.2	343.2	0.4	60.6	44.7	61.
49.9	105.0	11630.7	250.0	-41.3	-49.9	265.7	33.4	33.4	0.2	344.7	349.9	99.9	599.9	49.2	63.
52.6	111.2	12402.1	225.0	-44.5	-49.9	272.4	46.9	46.8	-3.0	347.2	349.9	99.9	599.9	55.5	67.
54.0	117.0	13251.6	200.0	-42.7	-49.9	272.4	46.9	46.8	-1.9	349.4	349.9	99.9	599.9	63.9	71.
60.1	121.5	14706.3	150.0	-51.0	-50.9	270.1	46.0	45.4	-7.2	352.2	349.9	95.0	999.9	73.4	74.
64.4	137.7	15306.9	125.0	-64.0	-59.9	285.9	39.0	37.3	-10.7	356.4	349.9	99.9	599.9	83.3	77.
72.1	131.7	16400.7	100.0	-67.6	-57.9	275.5	10.7	10.7	-1.0	367.1	349.9	99.9	599.9	90.1	80.
76.9	147.3	18774.8	75.0	-65.2	-59.9	304.6	5.0	4.0	-3.0	432.2	349.9	99.9	599.9	94.4	81.
87.1	150.7	20881.2	50.0	-58.6	-60.9	999.9	99.9	99.9	99.9	510.2	349.9	99.9	599.9	92.5	80.
99.9	99.9	99.9	25.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG  
0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327  
 NASHVILLE, TENNESSEE

 7 JUNE 1979  
 2000 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT I DEG	R POT V DEG K	MX HTG CM/SEC	RM PCY	RANGE NM	AZ DEG
0.0	7.7	100.0	991.8	21.1	24.2	180.0	4.1	0.0	4.1	305.0	357.4	19.6	67.8	0.0	0.0
0.5	99.9	99.9	1000.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.0	9.1	32.0	975.0	24.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.5	11.4	532.8	950.0	23.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2.0	13.7	84.7	925.0	21.9	17.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2.5	16.1	1022.0	900.0	21.1	17.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.0	18.5	1265.0	875.0	19.7	15.3	218.2	11.5	7.0	9.6	304.2	341.3	16.2	80.1	1.9	14.0
3.5	23.9	1510.6	850.0	16.1	12.8	225.8	11.9	8.5	8.3	305.1	335.4	12.7	76.9	2.5	19.0
4.0	23.4	1771.7	825.0	15.7	11.2	227.7	12.5	12.2	11.1	306.1	329.1	10.5	63.0	4.7	32.0
4.5	25.9	2332.7	800.0	14.0	6.3	230.4	16.4	12.6	10.5	307.1	321.6	8.0	71.0	6.7	37.0
5.0	23.4	2300.3	775.0	12.3	6.3	232.8	16.1	12.8	9.7	308.1	321.6	6.4	58.8	7.8	39.0
5.5	23.4	2575.2	750.0	11.3	2.4	232.2	15.6	12.5	9.2	311.4	335.1	8.2	63.0	8.5	41.0
6.0	23.6	2958.3	725.0	10.3	5.6	234.4	15.7	12.6	9.0	312.1	335.1	7.4	86.0	9.3	42.0
6.5	36.2	3169.7	700.0	8.2	3.6	237.1	16.6	13.9	8.7	315.0	330.1	5.0	54.4	10.3	46.0
7.0	39.9	3449.6	675.0	5.6	-2.1	237.9	16.4	13.9	8.7	315.0	328.0	2.8	33.8	11.3	45.0
7.5	41.7	4078.8	650.0	4.3	-10.4	243.5	17.4	15.5	7.7	317.3	328.0	2.8	48.3	12.5	47.0
8.0	44.4	4786.8	625.0	4.3	-6.3	246.4	17.3	15.4	6.9	317.2	328.0	2.9	49.3	13.7	49.0
8.5	47.3	4909.5	600.0	1.4	-10.8	242.4	17.0	15.0	7.8	318.1	327.2	2.3	40.4	15.0	50.0
9.0	53.2	4750.4	575.0	-1.6	-14.8	246.1	17.6	14.8	8.9	320.7	327.9	2.9	54.5	16.5	50.0
9.5	43.2	5103.5	550.0	-2.9	-14.8	246.1	17.6	14.6	8.7	323.3	332.2	1.6	34.8	17.9	51.0
10.0	56.3	5855.0	525.0	-4.3	-19.4	241.4	18.7	16.4	9.0	325.3	330.7	1.6	34.8	17.9	51.0
10.5	54.4	6253.7	500.0	-6.6	-19.4	241.4	18.7	16.4	9.1	326.1	331.0	1.5	34.1	18.3	52.0
11.0	62.6	6588.3	475.0	-5.6	-21.7	240.8	18.6	16.2	8.7	326.8	329.8	0.8	27.5	20.7	53.0
11.5	66.0	6688.3	450.0	-13.2	-24.0	241.9	18.5	16.3	8.3	329.3	330.6	0.3	13.0	22.5	53.0
12.0	69.4	7101.8	425.0	-15.3	-37.6	246.9	21.2	19.5	6.1	331.3	332.3	0.3	13.3	27.5	57.0
12.5	73.9	7558.9	400.0	-18.3	-39.8	249.3	22.5	21.7	4.0	332.6	333.7	0.2	14.0	29.7	59.0
13.0	76.6	8035.8	375.0	-21.9	-42.4	255.6	22.4	22.0	2.8	335.3	336.1	0.2	21.2	32.2	61.0
13.5	83.3	8540.2	350.0	-24.8	-44.5	263.7	25.2	25.8	3.4	337.4	338.5	0.2	14.2	35.5	63.0
14.0	84.3	9075.1	325.0	-28.4	-43.7	265.6	26.4	26.2	0.6	340.8	341.4	0.2	14.2	39.3	66.0
14.5	88.5	9645.3	300.0	-31.6	-47.8	269.7	27.9	27.9	0.6	343.8	343.4	0.1	17.1	43.0	69.0
15.0	43.0	10255.3	275.0	-34.1	-52.1	269.0	33.5	33.8	0.6	346.3	349.0	0.9	99.9	48.8	72.0
15.5	47.6	10711.7	250.0	-40.2	-59.9	273.6	35.8	35.4	-2.2	349.2	349.0	0.9	99.9	48.8	72.0
16.0	102.6	11674.2	225.0	-45.0	-69.9	273.6	38.8	38.6	-3.4	351.3	349.0	0.9	99.9	54.3	74.0
16.5	107.6	12199.9	200.0	-51.5	-69.9	273.6	40.4	40.3	-5.4	351.3	349.0	0.9	99.9	60.8	76.0
17.0	111.8	12753.3	175.0	-57.9	-69.9	273.6	42.5	41.9	-6.8	354.2	349.0	0.9	99.9	68.5	80.0
17.5	123.3	13208.0	150.0	-64.8	-69.9	284.4	43.1	41.3	-12.1	358.2	349.0	0.9	99.9	74.9	83.0
18.0	127.0	13702.9	125.0	-67.8	-69.9	284.4	43.1	41.3	-12.1	358.2	349.0	0.9	99.9	74.9	83.0
18.5	133.0	14239.9	100.0	-67.2	-69.9	284.4	43.1	41.3	-12.1	358.2	349.0	0.9	99.9	74.9	83.0
19.0	143.7	14776.1	75.0	-63.9	-69.9	284.4	43.1	41.3	-12.1	358.2	349.0	0.9	99.9	74.9	83.0
19.5	151.0	20625.5	50.0	-57.8	-69.9	284.4	43.1	41.3	-12.1	358.2	349.0	0.9	99.9	74.9	83.0
20.0	162.3	25385.4	25.0	-47.9	-69.9	284.4	43.1	41.3	-12.1	358.2	349.0	0.9	99.9	74.9	83.0

 0.99 SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0.99 TEMP MEANS TEMPERATURE CR TIME HAVE MEAN INTERPOLATED  
 0.99 SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 387  
NASHVILLE, TENNESSEE7 JUNE 1979  
2300 GMT

TIME M <sup>1</sup>	CHTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	J CLMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	RA RTO CM/KG	AM PCY	RANGE KM	AZ DEG
0.0	7.9	180.0	991.5	22.5	22.5	180.0	4.7	0.0	0.2	302.4	302.2	17.0	70.0	0.0	0
99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.5	9.4	337.1	975.0	24.4	22.6	190.7	11.1	2.1	10.9	303.2	301.9	18.0	70.6	0.5	1
1.4	11.8	563.9	950.0	25.8	20.8	192.7	11.0	2.3	10.8	303.4	307.7	16.6	74.1	1.0	4
2.5	14.2	745.0	925.0	22.5	17.9	198.4	14.6	3.7	11.0	303.4	308.4	16.1	80.2	1.7	10
3.4	16.6	1335.1	930.0	21.8	18.1	205.4	12.7	5.5	11.4	304.6	303.5	14.7	79.5	2.4	13
4.3	19.0	1279.6	875.0	15.5	16.4	213.8	12.9	7.2	10.7	304.1	300.8	13.6	82.1	3.0	17
5.2	21.4	1529.4	850.0	18.2	16.3	226.2	13.7	9.9	9.5	305.2	303.0	13.9	78.9	3.7	21
6.1	23.8	1745.9	825.0	17.1	13.1	239.2	13.8	11.9	7.1	306.7	308.9	11.7	78.2	4.4	27
7.1	26.3	2345.5	800.0	15.7	11.7	246.3	12.9	11.5	5.0	307.5	315.2	10.9	76.0	5.0	32
8.1	29.8	2317.7	775.0	13.4	10.2	251.3	12.9	12.4	3.7	308.2	306.6	10.2	81.3	5.7	37
9.1	31.3	2593.6	750.0	11.3	8.6	252.7	12.3	11.7	2.7	308.8	305.4	9.5	83.6	6.3	41
10.3	33.9	2477.1	725.0	11.0	2.5	247.0	11.2	10.3	4.4	311.6	300.1	8.4	80.0	7.0	44
11.5	36.4	3173.1	700.0	10.4	-0.5	247.9	11.3	10.5	4.3	314.0	329.7	5.3	68.0	7.7	48
12.6	39.1	3471.7	675.0	7.9	-2.7	256.2	12.4	12.1	3.0	316.5	328.4	4.7	68.9	8.5	49
13.9	41.9	3781.9	650.0	4.8	-3.3	257.7	12.7	12.4	2.7	319.4	328.2	4.6	55.6	9.3	51
14.9	44.6	4103.4	625.0	2.5	-5.6	251.9	13.3	12.7	6.1	315.3	327.5	4.0	94.9	10.0	54
16.3	47.5	4429.9	600.0	0.4	-9.2	251.6	13.8	12.3	6.1	316.6	326.4	3.2	88.1	11.1	55
17.5	50.4	4770.6	575.0	-1.1	-9.2	256.8	14.4	12.5	7.3	318.7	328.9	3.3	58.8	12.2	55
18.9	53.4	5126.3	550.0	-2.3	-21.5	249.5	15.9	14.3	6.8	321.4	329.5	1.2	21.3	13.4	56
20.1	56.4	5482.1	525.0	-5.1	-13.0	246.5	17.9	16.4	7.1	322.3	330.8	2.7	83.7	14.6	57
21.4	59.4	5823.5	500.0	-7.6	-28.0	249.7	18.7	17.4	6.8	323.6	328.6	0.8	17.6	16.1	58
22.8	62.8	6270.5	475.0	-10.3	-35.1	252.0	16.5	17.9	4.8	325.1	326.6	8.4	11.0	17.1	59
24.3	66.1	6695.5	450.0	-12.0	-35.3	264.9	18.0	17.4	1.6	324.1	329.7	0.4	12.3	19.0	61
25.4	69.5	7120.5	425.0	-14.8	-37.4	269.6	14.5	19.5	0.1	330.6	331.3	0.4	12.5	20.6	63
27.5	73.0	7576.8	400.0	-17.1	-40.0	268.3	17.7	17.7	0.5	332.7	333.8	0.3	11.6	22.3	65
29.0	75.7	8058.2	375.0	-19.3	-41.6	272.6	16.5	18.5	-0.8	336.6	337.8	0.3	11.8	23.7	67
30.4	83.5	8508.1	350.0	-22.9	-43.3	277.9	17.9	17.6	-2.4	337.5	338.0	0.2	13.5	25.2	68
32.5	84.5	9106.3	325.0	-27.0	-45.6	281.4	24.4	23.9	-4.8	339.4	340.2	0.2	15.2	27.1	71
34.4	84.7	9479.1	300.0	-30.9	-48.7	278.1	33.0	32.7	-4.7	341.6	342.4	0.1	15.5	30.0	74
36.8	91.3	10290.0	275.0	-35.9	-52.6	279.0	31.3	30.9	-4.9	343.2	343.7	0.1	15.9	36.4	77
39.1	97.6	10985.2	250.0	-40.9	-59.9	284.6	36.9	35.7	-9.4	349.2	349.9	99.9	99.9	38.7	80
41.4	102.4	11656.6	225.0	-45.3	-59.2	286.6	42.1	40.3	-12.0	349.1	350.9	99.9	99.9	43.5	83
44.0	107.8	12432.1	200.0	-51.9	-59.2	284.7	43.2	41.7	-11.0	350.6	350.9	99.9	99.9	49.8	86
46.9	113.5	13285.5	175.0	-57.4	-59.4	289.8	42.7	40.2	-14.1	353.8	350.9	99.9	99.9	56.9	89
50.5	123.0	14738.4	150.0	-62.1	-59.9	293.8	37.7	34.5	-18.1	356.2	350.9	99.9	99.9	65.0	92
54.2	127.0	15332.9	125.0	-70.1	-59.9	282.0	24.0	23.4	-5.0	364.6	359.9	99.9	99.9	71.4	95
58.5	136.7	16673.6	100.0	-62.4	-57.9	316.0	14.4	10.0	-10.4	396.4	359.9	99.9	99.9	76.6	98
64.2	143.5	18406.5	75.0	-64.6	-59.9	332.7	6.8	3.1	-0.1	437.5	359.9	99.9	99.9	77.3	98
72.0	153.0	23907.9	50.0	-57.3	-59.9	86.3	6.2	-0.2	-0.4	508.0	359.9	99.9	99.9	73.4	96
84.3	162.3	25401.3	25.0	-47.2	-59.9	92.9	12.0	-12.6	0.4	643.8	359.9	99.9	99.9	64.3	97

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 6 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 80 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 327  
 NASHVILLE, TENNESSEE

 8 JUNE 1979  
 500 GMT

TIME MIN	CNCTY	HEIGHT GPM	PRES IN	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	COMP M/SEC	V COMP M/SEC	POT T DEG C	MR STD GPM/KG	RM PCT	RANGE KM	AP DEG
0.0	7.6	100.0	994.3	23.1	21.5	179.0	3.6	-0.4	3.5	204.7	139.7	91.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	9.6	353.1	975.0	23.6	20.7	201.1	11.4	4.2	10.8	200.5	363.4	74.5	0.4	9.0
1.6	11.6	582.1	950.0	24.6	18.6	211.4	11.8	6.2	10.1	302.2	360.6	69.3	1.0	20.0
2.5	14.0	815.6	925.0	22.5	16.9	214.8	11.4	6.7	9.2	303.3	337.9	71.0	1.6	26.0
3.4	14.4	1254.2	900.0	20.8	15.5	220.2	10.6	7.0	8.2	303.6	336.5	71.5	2.2	29.0
4.3	14.8	1597.5	875.0	18.5	15.3	222.3	5.2	6.2	6.8	303.0	337.0	83.5	2.7	32.0
5.2	21.2	1566.5	853.0	17.3	15.3	232.5	6.0	6.4	4.9	304.2	339.2	88.2	3.1	33.0
6.2	23.6	1501.5	825.0	14.7	13.9	251.0	7.2	6.8	3.4	304.1	337.4	95.3	3.6	37.0
7.2	26.1	2022.0	800.0	13.8	13.0	252.8	8.2	6.1	2.5	305.5	338.3	94.9	3.9	41.0
8.3	24.7	2329.5	775.0	11.9	11.1	248.4	9.5	8.9	3.5	306.7	336.5	94.6	4.5	45.0
9.4	31.2	2604.4	753.0	10.3	9.2	266.1	9.7	8.9	3.9	307.7	339.1	93.4	5.0	48.0
10.5	33.9	2846.5	725.0	8.6	7.2	250.3	5.5	8.9	3.2	308.6	333.8	8.9	5.6	50.0
11.6	36.4	3174.5	700.0	7.0	5.6	247.7	9.5	6.8	3.6	310.2	329.9	4.7	6.2	52.0
12.7	39.2	3475.5	675.0	6.0	-2.2	239.9	11.4	9.9	5.7	312.4	326.0	55.4	6.7	53.0
13.8	42.0	3783.9	650.0	4.0	-1.7	240.7	12.2	10.6	6.0	313.2	326.9	57.0	7.7	54.0
14.9	44.8	4101.6	625.0	1.5	-4.8	247.6	12.2	11.3	4.6	314.1	327.1	63.3	8.5	55.0
16.1	47.7	4429.0	600.0	-1.4	-4.9	250.7	12.7	11.9	4.2	314.8	327.7	4.4	9.3	56.0
17.4	51.7	4767.5	575.0	-3.0	-12.6	250.7	13.0	12.3	4.3	316.2	324.3	2.5	10.3	57.0
18.6	53.6	5114.6	550.0	-4.7	-12.6	250.2	12.9	12.1	4.4	318.2	322.3	1.1	11.3	58.0
20.2	56.8	5463.1	525.0	-6.9	-24.3	250.4	11.8	11.6	2.2	320.1	323.6	23.4	12.3	60.0
21.7	59.9	5820.2	500.0	-8.1	-17.9	277.8	12.6	12.9	-1.7	323.1	329.6	46.3	13.4	62.0
23.3	63.0	6260.2	475.0	-9.8	-20.0	287.1	12.9	12.3	-3.8	325.5	331.3	42.7	14.3	65.0
24.6	66.4	6675.9	450.0	-12.0	-26.3	289.9	11.5	10.6	-3.9	328.3	328.3	1.2	15.2	67.0
26.3	73.3	7370.7	400.0	-16.6	-38.3	281.3	12.6	12.4	-2.5	332.0	332.1	1.0	16.1	71.0
30.1	78.9	8051.9	375.0	-20.1	-40.5	289.4	13.3	13.8	-3.8	333.4	333.6	1.0	17.3	73.0
31.9	82.7	8560.9	350.0	-23.1	-42.7	298.5	17.1	15.6	-2.1	335.0	339.1	1.0	18.7	76.0
33.9	84.7	9099.7	325.0	-26.6	-36.2	297.6	20.2	17.9	-2.3	337.6	339.4	29.3	20.3	80.0
35.9	89.4	9572.6	300.0	-31.2	-32.9	300.8	22.1	16.9	-11.3	340.2	342.7	34.9	22.2	84.0
38.1	93.0	10282.4	275.0	-36.4	-40.1	303.7	23.4	19.5	-13.0	341.4	342.8	41.4	24.5	84.0
40.4	97.7	10735.8	250.0	-41.7	-35.7	304.5	25.0	22.0	-15.1	342.2	342.8	11.5	27.1	92.0
43.2	102.6	11441.4	225.0	-47.5	-39.9	301.5	28.0	24.7	-15.2	344.1	349.7	99.9	30.7	96.0
45.9	107.8	12109.1	200.0	-53.6	-36.5	297.8	35.4	31.4	-16.5	345.7	349.9	99.9	35.4	99.0
48.5	111.6	13253.9	175.0	-60.0	-39.9	303.6	30.7	30.6	-20.3	348.8	349.9	99.9	40.9	102.0
51.9	119.8	14159.7	150.0	-68.0	-39.9	310.0	35.0	26.8	-22.5	351.6	349.9	99.9	46.1	105.0
54.9	126.8	15244.0	125.0	-72.2	-39.9	305.6	31.6	25.7	-18.4	353.2	349.9	99.9	51.8	108.0
58.2	134.7	16504.6	100.0	-70.9	-39.9	307.5	25.9	20.5	-15.8	364.2	349.9	99.9	57.9	109.0
63.4	144.0	18319.4	75.0	-67.6	-39.9	22.1	5.5	-2.2	-3.5	390.8	349.9	99.9	59.9	111.0
70.9	154.0	20314.7	50.0	-61.6	-39.9	141.4	5.4	-3.5	-0.4	431.1	349.9	99.9	58.9	111.0
81.1	164.5	25257.1	25.0	-50.2	-39.9	86.7	10.4	-10.4	-0.6	503.1	349.9	99.9	56.7	113.0
						955.9	99.9	99.9	99.9	649.6	349.9	99.9	46.3	118.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327  
CHVILLE, TENNESSEE  
8 JUNE 1979  
800 GMT

TIME MIN	CNTCT	HEIGHT GPM	PMES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG	E POT Y DEG	WY RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	7.7	180.0	999.6	22.8	20.9	170.0	3.6	-0.6	3.5	294.4	337.4	15.9	89.0	0.0	3.0
99.9	98.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.6	6.5	354.9	975.0	24.5	20.8	999.9	99.9	99.9	99.9	298.8	160.2	15.1	76.2	999.9	999.9
1.5	11.9	583.3	950.0	24.4	18.8	999.9	99.9	99.9	99.9	301.5	360.8	16.5	71.0	999.9	999.9
2.3	18.3	916.4	925.0	22.1	17.7	999.9	99.9	99.9	99.9	301.5	339.2	13.9	76.0	999.9	999.9
3.3	16.7	1015.3	903.0	20.6	17.3	999.9	99.9	99.9	99.9	302.8	360.3	14.0	81.4	999.9	999.9
4.0	19.1	1259.9	875.0	18.2	16.3	229.3	9.6	7.3	6.3	302.7	339.0	13.5	88.5	2.7	32.0
4.9	21.6	1587.9	850.0	17.1	15.0	230.6	7.5	5.8	4.7	304.0	338.7	12.8	88.1	3.1	35.0
5.8	23.1	1907.7	825.0	15.9	14.6	229.3	5.2	4.0	3.4	305.6	339.9	12.6	94.4	3.4	36.0
6.8	24.6	2064.5	800.0	14.2	12.4	229.9	6.2	4.7	4.0	306.2	338.8	11.8	91.9	3.7	37.0
7.7	29.2	2332.6	775.0	12.0	10.8	233.5	6.3	5.1	3.7	306.8	336.1	10.6	92.2	4.1	38.0
8.7	31.6	2607.4	750.0	10.1	8.9	237.3	7.1	5.9	3.8	307.6	334.3	9.6	91.7	4.4	40.0
9.7	34.4	2899.7	725.0	8.8	6.0	240.0	7.8	6.7	3.9	309.1	332.1	8.1	82.3	4.9	42.0
10.6	37.1	3180.2	700.0	7.7	3.1	247.5	8.2	7.6	3.1	311.0	330.9	6.9	72.7	5.3	43.0
11.6	39.8	3475.2	675.0	5.5	-2.4	251.8	8.2	7.8	2.6	311.6	329.6	6.1	72.5	5.7	46.0
12.7	42.6	3787.7	650.0	3.8	-4.0	254.1	8.9	8.6	2.3	313.2	327.9	4.9	64.0	6.2	48.0
13.6	45.4	4105.5	625.0	1.5	-3.3	252.3	11.3	10.8	3.5	315.2	326.5	4.8	70.0	6.8	51.0
15.0	48.3	4433.3	600.0	-0.9	-4.9	252.3	11.2	11.2	3.6	315.1	326.5	4.5	78.4	7.6	53.0
16.3	51.3	4722.1	575.0	-3.8	-8.6	263.6	11.9	11.4	1.3	316.2	327.2	3.5	65.1	8.5	55.0
17.7	54.3	5123.9	550.0	-3.7	-18.5	274.0	10.5	10.5	-0.7	319.1	324.9	1.6	30.4	9.2	58.0
19.1	57.4	5490.6	525.0	-5.3	-15.6	276.6	6.2	6.1	-0.9	322.1	329.1	2.2	44.4	9.9	61.0
20.6	63.5	5972.6	500.0	-7.2	-13.6	297.2	6.3	5.9	-2.2	324.2	335.0	3.4	76.4	10.4	63.0
22.1	63.4	6271.4	475.0	-6.1	-14.9	306.3	4.7	3.7	-2.9	326.7	334.6	2.5	67.0	10.6	66.0
23.6	67.1	6688.0	450.0	-12.0	-15.0	307.3	7.1	5.7	-4.3	328.2	336.8	2.7	78.9	10.9	65.0
25.3	72.6	7125.1	425.0	-13.0	-37.9	327.8	16.0	8.6	-6.6	332.2	333.3	0.3	4.3	11.4	72.0
27.1	74.1	7444.7	400.0	-15.9	-37.4	311.1	12.8	9.6	-8.4	334.4	336.6	0.6	22.8	12.1	71.0
29.9	77.7	8068.3	375.0	-18.9	-43.9	309.5	18.0	14.9	-11.8	338.6	337.3	0.2	8.9	13.1	83.0
30.7	81.6	8579.0	350.0	-22.4	-46.2	306.8	28.2	21.0	-15.7	338.6	339.3	0.2	5.2	15.0	84.0
32.4	84.5	9118.9	325.0	-28.6	-48.1	303.9	31.7	26.3	-17.7	340.6	340.6	0.1	11.0	17.6	95.0
34.5	89.7	9490.9	300.0	-31.5	-51.3	308.2	27.3	21.4	-16.9	340.6	341.4	0.1	11.0	21.1	101.0
36.6	94.0	10300.5	275.0	-35.9	-44.7	303.1	26.4	22.1	-14.4	343.2	343.4	0.1	12.2	23.9	104.0
39.5	94.6	10956.5	250.0	-40.8	-49.9	303.9	32.2	26.8	-18.0	348.4	349.8	99.9	569.9	27.9	107.0
41.6	103.6	11663.9	225.0	-47.0	-59.9	306.8	32.6	27.3	-20.2	348.8	349.9	99.9	569.9	32.9	110.0
44.7	108.5	12374.5	200.0	-51.9	-69.9	307.1	34.0	27.1	-20.5	350.6	349.9	99.9	569.9	36.4	112.0
46.8	114.5	13269.0	175.0	-58.1	-69.9	314.8	27.5	18.5	-19.4	350.6	349.9	99.9	569.9	42.8	114.0
49.6	120.8	14260.1	150.0	-66.2	-69.9	314.5	27.4	19.6	-19.2	350.6	349.9	99.9	569.9	46.7	116.0
52.8	127.8	15273.1	125.0	-73.2	-69.9	313.4	23.4	17.0	-16.1	362.2	349.9	99.9	569.9	52.2	117.0
56.3	135.7	16399.6	100.0	-71.5	-69.9	34.8	5.4	-3.1	-4.4	349.3	349.9	99.9	569.9	53.8	119.0
61.2	144.3	17153.3	75.0	-67.6	-69.9	69.8	4.0	-3.7	-1.4	431.2	349.9	99.9	569.9	57.4	119.0
68.7	154.0	20335.3	50.0	-60.1	-69.9	79.7	10.7	-10.5	-1.9	501.9	349.9	99.9	569.9	51.4	124.0
80.7	163.5	24573.0	25.0	-49.3	-69.9	92.7	11.6	-11.6	0.5	643.2	349.9	99.9	569.9	44.8	129.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE CR TIME WENT REFIN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327  
 NASHVILLE, TENNESSEE

 6 JUNE 1979  
 1100 GMT

TIME MIN	CNCT	WEIGHT GPM	PRES MM	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG M	E POT 1 DEG K	WZ RTO GK/KE	RM PCT	RANGE KM	AL DEG
0.0	7.4	180.0	996.2	22.2	20.5	170.0	2.0	-0.5	2.0	298.7	335.7	15.4	90.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
3.7	9.2	368.0	975.0	22.4	20.8	204.0	9.4	3.8	8.4	297.5	339.9	16.1	89.7	0.3	17.
1.4	11.5	765.6	950.0	23.3	20.0	216.5	12.1	7.2	9.8	308.0	342.5	15.7	82.0	0.9	26.
2.4	11.8	828.6	925.0	21.6	18.9	225.3	11.8	8.4	8.3	301.4	341.3	15.0	88.6	1.5	32.
3.2	16.1	1066.4	900.0	20.0	17.9	238.0	11.0	9.1	6.2	302.5	341.1	16.6	88.0	2.1	37.
4.2	15.5	1309.7	875.0	18.4	15.3	244.7	9.8	8.8	4.2	302.5	337.1	12.7	82.1	2.6	42.
5.1	23.8	1558.4	850.0	16.7	15.4	242.0	9.2	8.2	4.3	303.2	339.1	13.1	91.7	3.1	46.
6.0	23.2	1412.4	825.0	14.6	13.4	216.0	6.2	6.7	4.8	304.1	336.3	11.8	92.4	3.6	48.
6.9	23.7	2073.4	800.0	13.5	12.8	219.3	7.0	5.0	6.1	305.5	337.6	11.7	95.7	4.0	48.
8.3	24.2	2340.7	775.0	11.7	10.9	218.5	8.0	5.0	6.2	306.4	335.9	10.7	95.4	4.5	46.
9.1	33.8	2614.9	750.0	10.1	9.3	220.1	7.9	5.1	6.0	307.6	335.1	9.9	95.3	5.0	46.
10.2	33.3	2906.9	725.0	8.4	4.4	223.6	7.1	4.9	5.1	308.7	332.3	8.4	87.1	5.5	45.
11.4	34.0	3186.9	700.0	6.9	4.4	232.4	6.4	5.0	3.9	310.1	331.6	7.5	86.2	6.0	45.
12.6	34.7	3425.5	675.0	5.2	1.3	250.5	7.2	6.8	2.4	311.4	329.6	6.3	76.2	6.4	47.
13.7	41.3	3793.6	650.0	3.7	-1.3	251.4	8.2	7.8	2.0	313.2	329.0	5.4	65.7	6.9	49.
14.9	44.1	4111.0	625.0	1.1	-2.4	247.8	9.1	8.4	3.4	313.7	328.4	4.9	74.3	7.5	50.
16.3	47.0	4438.5	600.0	-1.2	-6.5	250.7	5.7	9.1	3.2	314.7	328.4	4.6	78.0	8.2	52.
17.4	49.9	4777.5	575.0	-2.3	-8.5	261.8	6.3	8.2	1.2	317.3	328.0	3.5	82.4	9.0	54.
19.3	52.9	5130.1	550.0	-3.4	-12.0	274.5	7.2	7.1	-0.6	320.1	325.0	1.2	22.0	9.4	56.
20.3	55.9	5457.1	525.0	-4.9	-12.0	267.5	4.3	4.1	-1.3	322.2	331.7	2.9	57.4	9.8	58.
21.4	59.0	5779.2	500.0	-7.2	-10.5	259.6	1.9	1.0	-1.7	324.3	335.1	3.4	77.3	9.9	59.
23.5	62.3	6277.6	475.0	-5.9	-12.1	322.2	1.6	1.0	-1.2	325.7	335.9	3.2	86.3	9.9	60.
24.7	65.9	6693.8	450.0	-11.7	-11.1	296.9	4.1	3.7	-1.4	328.5	331.6	0.9	25.6	10.0	61.
26.7	69.9	7130.3	425.0	-13.6	-12.8	305.7	7.0	3.7	-0.1	331.6	331.6	0.1	2.0	10.3	64.
28.3	72.4	7588.4	400.0	-16.8	-15.6	307.5	11.2	8.9	-6.8	332.8	333.7	0.1	2.4	10.4	67.
29.8	76.0	8078.9	375.0	-19.1	-20.7	313.9	17.8	12.8	-12.4	336.4	336.4	0.0	2.0	11.3	73.
31.4	79.4	8580.9	350.0	-23.0	-27.0	317.4	23.2	17.1	-15.6	337.8	337.9	0.0	2.4	12.4	82.
33.3	83.8	9118.5	325.0	-27.8	-33.3	326.7	27.2	22.4	-15.5	338.4	338.8	0.1	6.6	14.5	90.
35.2	87.8	9686.8	300.0	-32.2	-40.2	303.0	28.1	23.6	-15.3	340.6	340.3	0.1	7.1	17.4	96.
37.4	92.2	10294.1	275.0	-36.4	-55.1	303.8	32.1	25.7	-17.9	342.5	342.8	0.1	12.3	20.8	101.
39.6	96.8	10953.0	250.0	-41.1	-59.9	309.3	30.5	23.6	-19.3	345.6	345.6	99.9	99.9	24.9	105.
42.2	101.9	11661.4	225.0	-45.8	99.9	311.8	27.2	28.2	-18.1	348.4	348.4	99.9	99.9	28.7	109.
44.7	107.7	12433.1	200.0	-51.9	99.9	307.1	30.4	28.2	-18.3	350.7	350.9	99.9	99.9	32.8	111.
47.6	113.8	13287.5	175.0	-56.3	99.9	315.9	28.7	15.7	-20.3	353.6	353.6	99.9	99.9	37.8	116.
50.5	119.0	14238.6	150.0	-66.4	99.9	325.9	21.3	12.0	-17.6	358.7	359.9	99.9	99.9	41.7	117.
53.9	126.0	15329.4	125.0	-73.1	99.9	316.6	14.5	9.3	-17.2	362.7	362.7	99.9	99.9	45.3	119.
57.9	134.0	16438.6	100.0	-71.7	99.9	35.8	5.0	-3.0	-4.1	369.2	369.9	99.9	99.9	47.4	122.
63.3	143.0	18347.5	75.0	-67.4	99.9	39.1	7.3	-0.6	-5.6	431.6	431.6	99.9	99.9	47.3	123.
73.1	153.0	20832.3	50.0	-56.8	99.9	64.3	11.6	-11.6	-1.2	502.7	502.7	99.9	99.9	44.4	128.
81.1	163.0	25298.1	25.0	-69.9	99.9	99.9	99.9	99.9	99.9	641.1	641.1	99.9	99.9	39.0	135.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 349  
LITTLE ROCK, ARKANSAS7 JUNE 1979  
1100 GMT

TIME MIN	CHTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 OG M	E POT 1 OG K	MX RTU GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	7.8	172.0	987.2	23.3	21.7	190.0	5.1	0.9	5.0	297.8	341.5	16.9	91.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	8.9	281.1	975.0	22.9	22.3	599.9	99.9	99.9	99.9	298.2	340.3	17.7	90.2	99.9	99.9
1.3	11.3	708.2	550.0	21.3	20.7	599.9	99.9	99.9	99.9	298.2	341.8	16.4	96.4	99.9	99.9
2.2	13.6	739.9	625.0	20.3	19.7	999.9	99.9	99.9	99.9	300.0	341.8	15.8	96.3	99.9	99.9
3.2	16.0	976.9	900.0	16.3	14.2	999.9	99.9	99.9	99.9	301.4	342.4	15.4	96.8	99.9	99.9
4.2	19.5	1219.9	875.0	16.3	14.2	999.9	99.9	99.9	99.9	302.8	343.8	13.4	87.8	99.9	99.9
5.2	23.9	1465.1	850.0	16.0	13.7	999.9	99.9	99.9	99.9	305.1	341.4	13.4	86.3	99.9	99.9
6.0	23.4	1725.0	825.0	16.6	13.6	999.9	99.9	99.9	99.9	306.1	339.6	12.0	86.3	99.9	99.9
6.9	26.0	1966.9	800.0	14.8	11.5	999.9	99.9	99.9	99.9	306.5	339.6	10.7	80.5	99.9	99.9
7.8	24.4	2255.6	775.0	12.9	8.9	215.4	12.2	8.8	12.4	307.7	339.6	9.3	76.3	6.9	31.
8.7	31.0	2330.9	750.0	11.7	4.2	220.0	15.1	10.3	11.0	309.2	329.1	6.9	60.1	7.8	31.
9.6	33.7	2416.1	725.0	10.3	-1.7	233.7	15.6	12.5	9.2	310.0	329.5	4.7	48.1	8.6	31.
10.5	36.3	3105.8	700.0	5.1	-4.1	240.2	17.5	15.6	6.9	312.0	329.8	4.1	39.3	9.7	36.
12.1	39.1	3406.0	675.0	6.5	-1.2	242.2	17.9	15.9	8.3	312.5	329.2	5.2	37.9	10.8	36.
13.4	41.9	3714.4	650.0	3.9	-3.2	245.1	19.1	17.3	8.1	313.4	327.2	4.7	40.0	12.3	42.
15.0	44.8	4322.3	625.0	1.7	-13.3	248.4	17.8	16.6	6.5	314.4	323.0	2.6	40.4	13.6	45.
16.4	47.7	4900.1	600.0	-0.2	-31.2	249.1	18.7	16.8	8.1	315.5	317.9	0.6	9.7	15.1	47.
17.5	53.6	4659.4	575.0	-2.0	-51.2	246.6	21.7	19.9	8.6	317.7	317.9	0.1	1.0	16.9	49.
19.0	53.6	5051.0	550.0	-4.3	-51.7	246.7	23.3	21.4	9.2	319.0	319.2	0.1	1.1	18.5	50.
20.3	56.8	5161.4	525.0	-5.6	-52.1	238.8	24.3	20.4	13.3	321.7	323.9	0.7	13.9	20.2	51.
21.7	59.9	5472.2	500.0	-7.5	-52.6	235.7	25.4	20.9	14.3	323.5	327.3	1.0	23.2	22.4	52.
23.9	63.1	6195.0	475.0	-9.6	-52.3	237.1	26.9	22.6	14.6	326.2	326.6	0.1	3.3	25.7	52.
25.7	66.4	6811.2	450.0	-11.6	-52.3	236.1	28.3	23.4	15.8	328.0	332.1	1.0	28.8	29.8	51.
27.5	70.0	7366.6	425.0	-14.7	-52.2	239.1	30.7	26.3	15.7	330.2	330.3	0.0	1.0	31.8	53.
29.3	73.4	7941.7	400.0	-16.3	-52.3	242.3	31.7	28.0	14.7	331.2	331.3	0.0	1.6	34.7	54.
31.2	77.1	8490.4	375.0	-20.8	-53.1	248.4	31.6	29.4	11.6	334.1	334.2	0.0	1.0	38.6	55.
33.2	80.8	8990.4	350.0	-22.2	-53.1	256.6	33.7	32.8	7.8	338.9	343.1	1.2	45.5	42.6	57.
35.2	84.8	9432.4	325.0	-25.3	-53.6	264.6	33.5	33.3	3.1	341.5	343.3	0.7	44.3	46.1	59.
37.3	89.0	9887.9	300.0	-30.2	-54.0	266.7	37.8	37.8	3.5	342.1	342.9	0.0	2.1	50.1	61.
39.4	93.2	10222.3	275.0	-33.9	-54.7	265.5	43.5	43.4	3.4	346.1	346.2	0.0	1.0	55.0	63.
42.0	97.5	10681.8	250.0	-39.8	-59.9	263.7	43.2	42.9	5.5	346.6	346.6	99.9	96.9	61.4	66.
44.6	102.8	11192.2	225.0	-42.7	-59.9	259.6	44.1	44.1	10.2	350.7	350.9	99.9	95.9	67.8	67.
46.8	108.0	12345.4	200.0	-51.9	-59.9	259.6	44.7	44.0	8.1	350.7	350.9	99.9	95.9	73.8	68.
49.7	113.8	13216.5	175.0	-55.7	-59.9	259.9	42.0	41.3	7.4	351.4	351.4	99.9	99.9	80.9	69.
53.2	120.0	14163.8	150.0	-62.3	-59.9	260.1	36.1	35.5	6.2	355.5	359.9	99.9	99.9	89.1	70.
57.1	127.0	15259.9	125.0	-69.0	-59.9	260.1	22.0	21.9	-2.3	370.0	370.0	99.9	99.9	96.9	71.
61.4	135.0	16556.0	100.0	-65.9	-59.9	230.0	10.1	8.2	4.0	402.7	399.9	99.9	99.9	99.9	71.
67.2	144.0	18314.7	75.0	-62.1	-59.9	157.6	4.7	-1.8	6.6	434.2	399.9	99.9	99.9	101.6	71.
74.7	154.5	20420.9	50.0	-54.4	-59.9	95.9	6.9	-6.9	0.7	505.5	399.9	99.9	99.9	99.9	70.
87.5	166.0	25329.9	25.0	-47.8	-59.9	104.0	7.8	-7.4	1.9	647.2	399.9	99.9	99.9	92.7	68.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE CP TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340  
LITTLE ROCK, ARKANSAS  
7 JUNE 1979  
1405 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT V DEG K	E POT V DEG K	M/R TO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	7.2	172.0	989.9	22.2	19.9	210.0	1.5	0.7	1.3	296.2	335.3	15.0	87.0	0.0	0.
99.9	99.9	99.9	1000.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.5	5.6	306.6	575.0	22.1	21.6	220.1	6.6	4.4	5.2	297.4	341.4	16.9	96.9	0.2	41.
1.4	10.9	530.9	950.0	21.0	20.5	208.3	10.4	5.1	9.0	298.5	341.1	16.3	97.3	0.7	36.
2.2	13.3	762.2	925.0	19.5	19.1	210.8	12.3	7.7	9.6	299.3	339.3	15.2	97.2	1.3	34.
3.0	15.7	998.7	900.0	18.1	17.7	223.5	15.6	10.7	11.3	300.2	338.1	14.3	97.1	1.9	36.
3.3	19.1	1290.4	875.0	16.6	16.2	228.0	16.1	12.0	10.8	301.1	337.8	13.4	97.0	2.7	40.
4.8	20.5	1498.1	850.0	15.8	15.3	229.5	17.0	12.1	11.9	302.7	337.6	13.0	96.9	3.6	42.
5.6	23.0	1742.0	825.0	14.7	14.2	229.9	16.1	11.0	11.8	304.1	338.0	12.5	97.2	4.5	42.
6.5	25.5	2002.7	800.0	13.6	12.3	220.0	14.3	9.2	11.8	305.4	336.7	11.3	92.0	5.3	42.
7.6	29.0	2270.8	775.0	12.7	11.7	219.1	15.3	9.6	11.8	307.2	338.5	11.2	93.4	6.2	42.
8.6	30.5	2566.3	750.0	11.5	9.4	219.7	15.7	10.1	12.1	309.1	328.5	7.2	62.7	7.2	41.
9.9	33.1	2829.4	725.0	10.8	-4.8	223.6	16.4	11.3	11.9	311.3	323.9	3.7	33.9	8.4	41.
11.1	35.0	3121.3	700.0	5.2	-5.2	235.0	17.7	14.4	10.4	312.7	323.9	3.7	33.9	9.6	42.
12.2	39.6	3421.4	675.0	6.7	-3.4	241.0	18.1	16.1	8.2	313.1	325.2	4.4	48.4	10.7	44.
13.4	41.2	3750.0	650.0	3.9	-5.0	244.6	19.0	17.2	8.2	313.4	325.7	4.1	52.2	12.0	46.
14.8	44.0	4037.6	625.0	2.0	-13.8	243.4	20.4	18.3	9.2	314.7	321.3	2.1	29.9	13.6	48.
16.0	46.9	4375.5	600.0	-0.5	-15.4	253.0	20.7	19.8	6.1	315.2	321.6	1.9	31.5	15.1	50.
17.3	49.9	4714.6	575.0	-2.2	-39.9	258.1	21.4	21.0	4.4	317.4	318.1	0.2	3.6	16.6	53.
18.4	52.8	5053.9	550.0	-6.3	-47.7	255.3	22.0	21.3	5.6	319.4	319.6	0.2	3.2	18.2	55.
20.2	55.9	5431.7	525.0	-5.4	-26.8	247.0	24.6	22.7	9.6	322.0	320.8	0.6	16.8	20.2	57.
21.8	59.0	5812.2	500.0	-8.8	-15.1	248.5	25.1	22.6	10.8	322.2	320.8	2.4	68.4	22.5	58.
23.2	62.1	6296.6	475.0	-10.4	-26.5	241.7	26.4	23.3	12.5	325.1	325.3	0.0	1.0	24.6	58.
24.6	65.5	6823.6	450.0	-11.8	-57.4	248.0	26.1	22.2	11.8	326.4	328.6	0.0	1.0	26.8	58.
26.2	68.9	7356.5	425.0	-14.7	-59.3	248.1	26.3	24.4	9.0	330.1	330.2	0.0	1.0	29.4	59.
28.2	72.4	7515.4	400.0	-17.4	-60.9	250.9	31.0	29.3	10.1	332.2	332.6	0.0	1.0	32.4	60.
29.9	76.0	7995.8	375.0	-20.3	-62.6	254.4	32.2	31.0	8.7	334.8	334.9	0.0	1.0	35.9	61.
31.6	79.8	8502.9	350.0	-24.4	-65.5	253.2	30.4	29.1	8.8	338.5	334.0	0.0	1.0	38.9	62.
33.4	83.7	9033.4	325.0	-25.1	-66.0	259.1	32.7	32.1	6.2	342.1	342.2	0.0	1.0	42.2	63.
35.4	87.8	9620.2	300.0	-29.3	-68.7	268.0	37.3	37.2	2.6	344.2	345.3	0.0	1.0	46.2	65.
37.6	92.2	10235.3	275.0	-34.5	-72.1	267.1	40.9	40.9	2.1	345.3	345.3	0.0	1.0	50.9	67.
39.7	96.6	10994.4	250.0	-39.9	-93.9	264.6	44.0	43.8	4.1	346.2	349.9	99.9	99.9	56.1	69.
42.1	101.4	11604.7	225.0	-45.7	-94.9	257.9	41.6	40.7	8.7	349.5	349.9	99.9	99.9	61.9	70.
44.8	106.6	12377.9	200.0	-52.3	-94.9	261.9	39.1	38.7	5.5	349.5	349.9	99.9	99.9	68.5	71.
47.7	112.3	13226.1	175.0	-55.6	-99.9	261.4	40.3	39.9	6.1	351.8	349.9	99.9	99.9	75.4	72.
50.8	118.5	14176.5	150.0	-61.1	-99.9	268.3	36.9	38.5	0.5	357.5	349.9	99.9	99.9	82.4	73.
54.4	124.3	15274.7	125.0	-69.6	-99.9	272.6	24.5	24.5	-1.1	369.2	349.9	99.9	99.9	89.2	75.
58.1	132.7	16591.6	100.0	-65.3	-99.9	241.0	13.1	11.5	6.3	393.2	349.9	99.9	99.9	93.0	75.
63.3	141.3	18223.1	75.0	-67.0	-99.9	147.1	6.3	-3.4	5.2	432.4	349.9	99.9	99.9	94.9	76.
70.7	151.0	20844.9	50.0	-57.6	-99.9	108.8	5.8	-9.4	2.4	497.7	349.9	99.9	99.9	91.6	78.
82.4	163.7	25330.2	25.0	-48.6	-99.9	99.9	99.9	99.9	99.9	445.2	349.9	99.9	99.9	85.9	82.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 348  
LITTLE ROCK, ARKANSAS

7 JUNE 1978  
1707 GMT

150 10. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PGF T DEG K	E POT V DEG K	MR STD CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	6.0	172.0	990.1	27.0	23.4	180.0	3.1	0.0	3.1	301.0	351.1	18.6	77.0	0.0	0.
00.9	09.0	99.0	1000.0	99.0	99.0	99.0	99.0	95.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.5	5.3	306.3	575.0	25.2	23.5	190.4	7.6	1.9	7.3	300.5	350.6	19.1	90.2	0.2	1.
1.3	10.6	537.1	550.0	23.1	22.7	155.3	4.5	2.5	9.1	300.7	349.9	18.7	97.6	0.6	9.
2.2	12.9	770.4	525.0	21.0	21.4	209.2	12.2	5.9	10.6	301.8	348.4	17.7	97.6	1.1	15.
3.2	15.4	1009.1	500.0	20.4	20.1	223.2	15.4	10.6	11.2	303.0	347.6	16.7	95.3	1.9	24.
4.3	17.0	1253.5	475.0	19.5	18.3	230.6	15.2	11.2	9.6	304.0	345.4	15.4	93.0	2.9	33.
5.4	20.3	1503.5	450.0	17.8	17.0	235.3	15.5	12.7	8.0	304.6	344.2	14.6	95.2	3.9	38.
6.5	22.7	1789.6	425.0	16.4	15.9	231.1	15.0	11.7	9.4	306.0	343.8	13.9	96.4	4.8	41.
7.6	25.3	2021.7	400.0	14.9	14.2	220.8	15.9	12.0	10.5	306.0	341.6	12.9	96.1	5.9	43.
8.6	27.9	2290.1	375.0	13.1	9.3	229.0	16.3	12.3	10.7	307.5	334.5	12.9	77.8	6.8	44.
9.5	30.4	2566.9	350.0	12.0	7.5	228.3	15.1	11.3	10.1	310.2	335.3	12.9	70.1	7.7	46.
10.6	33.1	2851.3	325.0	11.2	6.0	231.7	14.3	11.2	8.9	311.7	333.3	12.9	65.3	8.7	45.
11.7	35.8	3144.1	300.0	9.9	-1.8	235.5	14.7	12.1	8.3	313.4	327.7	12.9	65.3	9.6	46.
12.9	38.6	3445.2	275.0	8.4	-13.3	236.3	16.0	13.3	6.9	315.1	321.5	12.9	19.9	10.5	47.
13.8	41.3	3755.8	250.0	6.0	-14.5	242.0	15.6	13.8	7.3	315.6	328.5	12.9	46.7	11.5	48.
15.0	46.2	4075.7	225.0	3.0	-3.7	240.7	17.0	15.6	6.7	315.5	329.9	12.9	61.1	12.6	49.
16.3	47.1	4305.0	200.0	0.3	-3.8	240.1	19.2	17.8	7.2	316.2	320.0	12.9	73.6	14.0	51.
17.7	50.1	4744.9	175.0	-2.5	-6.2	250.9	18.0	17.8	6.2	317.1	320.9	12.9	76.1	15.5	53.
19.0	53.1	5096.2	150.0	-5.2	-11.0	250.4	18.0	17.6	3.6	318.6	327.5	12.9	64.6	16.9	55.
20.4	56.3	5460.8	125.0	-6.9	-15.5	250.9	18.1	17.6	4.1	320.1	321.6	12.9	9.6	18.2	57.
21.8	59.5	5811.3	100.0	-7.1	-15.4	244.2	20.0	18.0	8.7	324.4	324.6	12.9	1.0	19.7	58.
23.2	62.8	6239.5	75.0	-9.2	-15.8	243.3	21.8	18.8	9.5	326.2	328.7	12.9	1.0	21.5	59.
24.6	66.1	6655.5	50.0	-11.3	-17.0	240.9	22.4	20.0	8.1	329.1	331.1	12.9	1.0	23.2	59.
25.9	69.6	7091.4	25.0	-14.0	-18.0	242.8	24.7	23.6	7.3	331.0	331.1	12.9	1.0	25.1	60.
27.6	73.1	7549.4	0.0	-16.9	-20.4	250.3	26.4	25.9	6.9	333.4	333.2	12.9	1.0	27.5	61.
29.2	76.8	8030.6	375.0	-20.4	-22.9	250.3	25.5	28.9	6.0	334.2	334.7	12.9	1.0	30.2	63.
30.9	80.7	8539.7	350.0	-21.4	-23.6	253.4	33.0	32.2	9.6	339.5	340.8	12.9	1.0	33.1	64.
32.5	84.7	9083.0	325.0	-24.5	-25.6	257.9	32.2	31.5	6.8	343.8	343.0	12.9	1.0	36.3	65.
34.5	88.8	9660.2	300.0	-29.5	-28.0	260.0	33.2	33.0	3.4	343.0	343.0	12.9	1.0	40.1	66.
36.6	93.2	10274.5	275.0	-34.7	-32.3	260.9	35.5	35.8	0.7	344.5	345.0	12.9	1.0	44.1	68.
39.7	97.8	10932.0	250.0	-40.2	-39.9	267.2	39.7	39.7	1.9	346.1	346.0	12.9	99.0	48.6	70.
40.7	102.8	11440.9	225.0	-46.4	-40.9	265.5	38.0	38.7	3.0	347.4	347.4	12.9	99.0	53.2	72.
43.0	109.0	12113.7	200.0	-52.2	-49.9	262.2	38.2	37.9	5.2	350.1	350.9	12.9	99.0	58.2	73.
45.8	117.0	13262.4	175.0	-59.0	-50.9	265.3	36.0	36.8	3.7	351.3	350.6	12.9	99.0	64.9	74.
49.5	120.0	14216.4	150.0	-64.7	-59.9	265.0	30.8	30.8	0.5	352.4	350.9	12.9	99.0	70.5	75.
51.7	126.8	15316.1	125.0	-70.2	-59.9	265.6	23.2	23.2	1.0	367.5	369.9	12.9	99.0	75.4	76.
55.4	134.3	16337.3	100.0	-71.1	-59.9	263.2	14.1	14.0	1.7	390.8	390.8	12.9	99.0	79.2	76.
60.2	142.7	18353.5	75.0	-66.6	-59.9	155.4	6.7	-2.8	6.1	433.8	433.8	12.9	99.0	80.7	76.
67.2	151.7	20869.0	50.0	-50.4	-59.9	120.1	7.7	-4.7	3.9	509.2	509.2	12.9	99.0	78.6	74.
79.0	161.3	25372.9	25.0	-47.8	-59.9	91.4	14.6	-14.6	0.4	647.6	647.6	12.9	99.0	72.5	72.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE CA TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340  
LITTLE ROCK, ARKANSAS

8 JUNE 1979  
505 GMT

TIME MIN	CNTCH	WEIGHT GPM	WRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U C/MP M/SEC	V C/MP M/SEC	POT V DG M	E POT V DG M	MR RTO CM/KG	MR PCT	RANGE KM	AZ DG
0.0	7.0	172.0	991.1	25.6	23.3	170.0	4.2	-0.8	4.5	299.2	347.9	18.5	87.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	5.5	317.2	975.0	25.7	24.2	220.6	19.0	12.3	14.4	300.5	353.3	19.9	92.4	0.4	30.
1.3	10.7	547.0	950.0	25.7	22.2	192.2	19.4	4.1	19.0	303.2	351.5	18.1	81.2	1.1	30.
2.1	13.1	782.1	925.0	23.7	21.7	203.2	19.2	7.8	17.6	303.2	351.6	18.0	87.7	2.1	21.
2.9	15.5	1022.2	900.0	21.6	21.2	213.5	17.3	9.6	14.4	304.2	352.1	18.0	96.8	3.0	24.
3.7	17.8	1261.3	875.0	20.6	19.6	212.6	16.1	10.0	12.6	304.2	349.9	16.9	93.8	3.8	27.
4.6	20.3	1518.0	850.0	18.3	18.1	219.3	13.5	6.6	10.4	302.4	347.6	15.6	98.6	4.4	29.
5.3	22.7	1776.9	825.0	18.6	13.3	216.3	12.8	7.6	10.3	308.2	340.8	11.8	71.4	5.0	32.
6.1	25.2	2339.2	800.0	17.4	11.0	213.9	10.8	6.0	8.9	309.7	338.9	10.4	66.3	5.4	30.
6.9	27.7	2310.2	775.0	15.7	8.6	211.8	10.3	5.4	8.7	310.7	336.5	9.1	62.8	6.1	30.
7.9	32.3	2566.1	750.0	13.9	6.3	221.7	7.4	4.9	5.5	311.7	334.7	8.0	60.1	6.6	31.
9.0	32.9	2473.3	725.0	11.9	3.8	231.7	6.6	3.2	4.1	312.2	332.8	7.0	57.7	7.0	32.
10.0	35.6	3166.4	700.0	5.4	2.0	233.7	5.8	4.6	3.4	312.2	331.4	6.3	59.9	7.4	33.
11.2	39.3	3467.0	675.0	7.0	-2.8	228.0	5.7	4.2	3.8	312.2	327.3	4.6	49.6	7.8	34.
12.3	41.0	3776.4	650.0	4.9	-5.6	221.8	6.2	4.1	4.6	314.2	326.2	3.9	46.4	8.2	34.
13.3	43.9	4095.5	625.0	3.5	-20.9	210.0	7.0	9.4	4.5	316.2	319.0	0.8	9.9	8.6	35.
14.5	46.7	4425.8	600.0	2.7	-48.3	236.9	9.0	7.6	4.9	319.2	319.5	0.1	1.0	9.1	36.
15.5	49.4	4766.8	575.0	0.8	-19.1	239.1	10.1	8.6	5.2	320.5	325.9	1.5	21.4	9.7	37.
16.7	52.6	5124.0	550.0	-1.8	-41.8	236.0	18.1	8.4	5.6	322.2	323.1	0.3	5.5	10.3	39.
18.1	55.7	5492.3	525.0	-3.6	-52.2	231.8	11.0	8.7	6.8	324.2	324.3	0.1	1.0	11.1	40.
19.3	59.9	5878.8	500.0	-5.1	-53.1	249.1	13.4	12.5	4.8	326.5	327.1	6.1	1.0	12.0	41.
20.7	62.0	6279.2	475.0	-5.5	-53.4	266.9	15.4	15.0	0.9	331.2	331.4	0.1	1.0	13.0	44.
22.2	65.4	6701.0	450.0	-6.5	-55.3	273.2	17.9	17.9	-1.0	332.2	332.7	0.0	1.0	14.0	49.
23.9	69.9	7181.7	425.0	-10.8	-56.7	268.3	21.6	21.9	1.4	335.3	335.3	0.0	1.0	15.6	54.
25.3	72.3	7685.4	400.0	-13.6	-58.5	265.3	22.7	22.6	1.9	337.2	337.5	0.0	1.0	17.3	57.
26.9	76.0	8091.9	375.0	-17.8	-61.2	265.7	21.6	21.5	1.6	338.6	338.1	0.0	1.0	19.2	60.
28.5	79.8	8604.0	350.0	-21.9	-63.9	266.3	21.2	21.2	1.4	339.2	339.4	0.0	1.0	21.1	63.
30.2	83.8	9144.7	325.0	-24.4	-66.8	266.0	20.1	20.0	1.4	340.4	340.4	0.0	1.0	22.9	65.
31.9	87.8	9717.0	300.0	-31.0	-69.8	262.5	21.6	21.4	2.8	341.7	341.7	0.0	1.0	25.0	66.
34.0	92.2	10329.6	275.0	-37.2	-72.4	263.3	22.7	22.6	2.6	344.2	344.2	0.0	1.0	27.7	68.
36.3	96.8	10986.3	250.0	-40.3	-74.9	267.9	21.3	21.3	0.8	346.3	346.3	96.9	99.9	30.6	70.
38.7	101.8	11696.6	225.0	-45.9	-79.9	271.2	23.0	23.0	-0.5	349.2	349.2	99.9	99.9	33.4	72.
41.1	107.0	12470.1	200.0	-52.4	-84.4	264.4	25.0	24.9	2.4	349.4	349.4	99.9	99.9	36.9	73.
43.8	112.6	13319.8	175.0	-58.3	-89.9	264.6	20.9	19.9	1.8	352.1	352.1	99.9	99.9	40.8	74.
46.7	114.8	14270.6	150.0	-66.6	-94.9	262.1	18.7	18.3	-3.9	352.4	352.4	99.9	99.9	43.9	75.
49.9	125.3	15332.8	125.0	-72.2	-99.9	277.0	15.6	15.6	-1.9	362.6	362.6	99.9	99.9	46.6	76.
53.5	132.7	16653.6	100.0	-75.6	-99.9	234.3	7.1	5.8	-4.2	381.6	381.6	99.9	99.9	49.3	77.
58.4	141.0	19353.4	75.0	-87.8	-99.9	99.9	99.9	99.9	99.9	430.7	430.7	99.9	99.9	49.6	77.
65.1	152.0	20833.0	50.0	-80.4	-99.9	99.9	99.9	99.9	99.9	501.2	501.2	99.9	99.9	99.9	99.9
76.7	159.7	25314.3	25.0	-45.8	-99.9	99.9	99.9	99.9	99.9	641.8	641.8	99.9	99.9	99.9	99.9

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

6 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED

99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 348  
LITTLE ROCK, ARKANSAS

8 JUNE 1979  
805 GMT

TIME MIN	CNTCT	WEIGHT GAM	PRES MM	TEMP DEG C	DIR DEG C	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DEG M	E POT V DEG K	RM NTO CM/KG	RM PCT	RANGE KM	AI DEG
0.0	6.7	172.0	992.0	24.4	22.5	95.0	99.9	99.9	298.2	344.1	17.6	89.0	999.9	999.9
0.9	99.9	99.9	1800.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
0.6	8.2	324.6	575.0	24.5	23.1	95.5	99.9	99.9	298.6	344.7	18.7	92.3	999.9	999.9
1.5	10.5	753.1	950.0	25.6	20.7	95.9	99.9	99.9	301.4	346.7	16.5	84.0	999.9	999.9
2.4	12.9	788.8	925.0	22.7	19.3	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
3.3	15.4	1025.9	900.0	21.2	19.0	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
4.2	17.8	1270.4	875.0	19.7	19.2	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
5.0	20.2	1520.7	850.0	18.4	17.7	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
6.3	22.7	1777.5	821.0	17.1	16.2	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
7.3	25.2	2040.6	800.0	16.3	12.4	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
8.0	27.6	2311.0	775.0	14.9	10.4	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
9.1	30.4	2586.5	750.0	13.5	7.9	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
10.1	33.0	2911.5	725.0	11.5	6.2	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
11.5	35.8	3166.2	700.0	5.1	4.0	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
12.6	38.4	3466.9	675.0	4.7	3.7	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
13.4	41.3	3775.9	650.0	4.0	0.3	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
15.1	44.1	4093.5	625.0	1.1	-1.7	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
16.4	47.0	4421.1	600.0	-0.5	-9.1	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
17.8	50.0	4759.8	575.0	-2.7	-19.0	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
19.2	53.0	5113.0	550.0	-0.2	-20.1	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
20.4	56.1	5463.7	525.0	-2.8	-51.7	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
22.1	59.4	5868.9	500.0	-4.4	-52.7	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
23.4	62.6	6271.5	475.0	-6.2	-53.0	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
25.3	66.0	6691.0	450.0	-5.3	-55.0	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
27.1	69.4	7131.6	425.0	-12.3	-57.7	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
29.4	72.9	7591.7	400.0	-15.7	-59.9	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
32.7	76.6	8078.1	375.0	-18.6	-61.8	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
32.5	81.3	8486.1	350.0	-23.0	-64.6	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
34.5	84.3	8924.2	325.0	-27.3	-67.3	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
36.7	88.5	9453.5	300.0	-31.8	-67.5	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
39.0	92.8	10049.8	275.0	-36.4	-67.5	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
41.2	97.4	10698.9	250.0	-41.7	-69.9	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
43.6	102.4	11464.9	225.0	-47.4	-69.9	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
45.8	107.5	12431.5	200.0	-54.4	-69.9	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
48.7	113.2	13275.0	175.0	-60.2	-69.9	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
51.6	119.3	14228.4	150.0	-67.6	-69.9	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
54.9	126.3	15255.8	125.0	-74.8	-69.9	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
58.5	133.3	16595.4	100.0	-73.8	-69.9	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
61.5	142.0	18307.5	75.0	-66.6	-69.9	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
71.2	152.0	20799.0	50.0	-58.2	-69.9	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9
83.7	162.5	25273.0	25.0	-50.3	-69.9	95.9	99.9	99.9	303.4	345.2	15.4	81.0	999.9	999.9

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATICA NO. 360  
LITTLE ROCK, ARKANSAS

8 JUNE 1970  
1105 GMT

TIME MIN	CHTCY	WEIGHT GON	WRES MB	TEMP DEG C	QCN PT DEG C	DIR DEG	SPEED M/SEC	COMP M/SEC	POT V DEG M	POT V DEG K	W RTO GMS/KG	RM PCT	RANGE KM	AZ DEG
0.0	7.2	172.0	993.3	23.3	21.9	999.9	99.9	99.9	297.6	341.1	17.0	92.0	999.9	999.9
0.5	99.9	999.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	8.0	235.2	975.0	23.0	23.0	999.9	99.9	99.9	298.2	340.4	18.3	100.7	999.9	999.9
1.1	11.3	542.6	950.0	22.0	22.5	999.9	99.9	99.9	299.0	340.3	18.3	91.1	999.9	999.9
2.1	13.6	795.1	525.0	22.1	15.2	999.9	99.9	99.9	301.5	339.0	11.9	45.0	999.9	999.9
2.4	16.1	1032.6	500.0	22.0	12.7	999.9	99.9	99.9	304.2	338.0	10.4	55.7	999.9	999.9
3.8	18.6	1278.1	875.0	20.3	12.9	999.9	99.9	99.9	305.4	338.4	10.8	62.6	999.9	999.9
4.6	21.0	1528.0	655.0	18.4	13.8	999.9	99.9	99.9	306.0	337.6	11.0	74.6	999.9	999.9
5	23.5	1783.9	825.0	16.4	14.6	999.9	99.9	99.9	306.7	337.3	11.4	78.5	999.9	999.9
6	26.1	2043.9	800.0	14.6	16.4	999.9	99.9	99.9	307.7	336.5	12.0	90.6	999.9	999.9
7.4	29.6	2310.7	775.0	12.9	12.7	999.9	99.9	99.9	308.2	335.8	12.0	98.7	999.9	999.9
8.4	31.3	2590.4	750.0	11.6	10.8	999.9	99.9	99.9	310.0	335.2	9.7	85.4	999.9	999.9
9.5	36.0	2878.4	725.0	10.1	9.5	999.9	99.9	99.9	313.0	334.2	7.0	65.5	999.9	999.9
10.6	39.4	3160.9	700.0	8.5	8.3	999.9	99.9	99.9	313.0	333.5	7.0	61.9	999.9	999.9
11.8	39.4	3460.0	675.0	7.0	0.2	999.9	99.9	99.9	314.8	330.8	5.7	48.0	999.9	999.9
12.9	42.2	3777.4	650.0	5.5	-0.5	999.9	99.9	99.9	315.0	327.4	4.1	37.4	999.9	999.9
13.9	45.1	4095.0	625.0	2.2	-5.3	999.9	99.9	99.9	316.0	321.0	1.5	22.6	999.9	999.9
15.1	49.0	4420.3	600.0	0.2	-19.7	999.9	99.9	99.9	317.0	320.0	0.6	11.1	999.9	999.9
16.3	51.0	4743.9	575.0	-1.9	-28.2	999.9	99.9	99.9	321.1	321.3	0.1	1.0	999.9	999.9
17.4	54.1	5110.9	550.0	-4.6	-31.6	999.9	99.9	99.9	325.2	325.7	0.1	1.0	999.9	999.9
19.0	57.3	5680.3	525.0	-2.5	-31.5	999.9	99.9	99.9	328.2	328.5	0.1	1.0	999.9	999.9
20.2	60.4	5871.8	500.0	-4.0	-32.4	999.9	99.9	99.9	329.0	330.1	0.0	1.0	999.9	999.9
21.5	63.7	6214.4	475.0	-6.5	-34.1	999.9	99.9	99.9	332.4	332.5	0.0	1.0	999.9	999.9
23.2	67.0	6690.8	450.0	-8.7	-35.0	999.9	99.9	99.9	334.2	334.3	0.0	1.0	999.9	999.9
24.5	70.0	7130.5	425.0	-11.5	-37.2	999.9	99.9	99.9	335.2	335.5	0.0	1.0	999.9	999.9
26.1	74.1	7592.5	400.0	-15.1	-39.5	999.9	99.9	99.9	337.2	337.3	0.0	1.0	999.9	999.9
28.0	77.8	8081.3	375.0	-18.5	-41.7	999.9	99.9	99.9	338.2	338.6	0.0	1.0	999.9	999.9
29.7	81.6	8592.2	350.0	-22.4	-44.2	999.9	99.9	99.9	339.7	339.7	0.0	1.0	999.9	999.9
31.4	85.4	9131.5	325.0	-26.9	-47.1	999.9	99.9	99.9	341.4	341.4	0.0	1.0	999.9	999.9
33.3	89.7	9703.7	300.0	-31.2	-50.4	999.9	99.9	99.9	343.4	343.4	0.0	1.0	999.9	999.9
35.3	94.0	10313.9	275.0	-37.8	-54.4	999.9	99.9	99.9	345.4	345.4	0.0	1.0	999.9	999.9
37.4	98.8	10969.9	250.0	-40.8	-58.9	999.9	99.9	99.9	347.1	347.1	0.0	1.0	999.9	999.9
40.0	103.6	11678.0	225.0	-46.6	-63.9	999.9	99.9	99.9	349.1	349.1	0.0	1.0	999.9	999.9
42.3	109.8	12440.1	200.0	-52.0	-69.9	999.9	99.9	99.9	352.0	352.0	0.0	1.0	999.9	999.9
44.9	116.4	13290.1	175.0	-55.0	-75.9	999.9	99.9	99.9	355.0	355.0	0.0	1.0	999.9	999.9
48.0	124.3	14249.4	150.0	-62.8	-81.9	999.9	99.9	99.9	360.4	360.4	0.0	1.0	999.9	999.9
51.3	127.0	15330.4	125.0	-74.3	-89.9	999.9	99.9	99.9	362.2	362.2	0.0	1.0	999.9	999.9
53.3	134.7	16628.1	100.0	-73.8	-94.9	999.9	99.9	99.9	361.2	361.2	0.0	1.0	999.9	999.9
56.4	143.0	18128.4	75.0	-67.4	-99.9	999.9	99.9	99.9	367.0	367.0	0.0	1.0	999.9	999.9
60.6	152.0	20827.6	50.0	-57.7	-99.9	999.9	99.9	99.9	367.0	367.0	0.0	1.0	999.9	999.9
67.6	161.3	25103.4	25.0	-50.0	-99.9	999.9	99.9	99.9	361.4	361.4	0.0	1.0	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 349  
 MONETTE, MISSOURI

 7 JUNE 1979  
 1405 GMT

31 000. 0

TIME MIN	CNTCT	HEIGHT CM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND CM/SEC	RM PCT	RANGE MM	DEG
0.0	10.0	430.0	954.7	12.7	10.7	350.0	2.1	0.5	-3.1	298.4	332.4	14.4	100.0	0.0	0.
0.0	9.0	99.0	1000.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
0.0	00.0	00.0	075.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
0.2	11.5	490.4	950.0	17.3	16.4	000.0	00.5	00.0	00.0	294.2	328.2	12.0	07.3	00.0	00.0
0.0	13.0	720.7	925.0	16.7	15.3	000.0	00.5	00.0	00.0	296.4	327.7	11.0	07.3	00.0	00.0
1.0	10.2	060.0	900.0	12.4	13.1	000.0	00.0	00.0	00.0	297.4	325.0	10.0	06.5	00.0	00.0
3.3	15.0	1200.0	875.0	14.4	13.3	274.0	6.1	6.0	-0.7	299.2	320.7	11.0	02.2	0.7	115.
4.5	21.0	1449.5	850.0	13.9	12.4	257.4	6.4	6.4	1.5	300.7	330.8	10.0	02.4	1.2	105.
6.0	23.5	1697.7	825.0	12.8	11.0	233.9	6.2	6.6	4.0	302.1	331.0	10.7	03.0	1.7	91.
7.0	24.0	1950.5	800.0	12.1	11.6	222.7	11.2	7.6	6.2	304.1	333.0	10.0	06.0	2.5	73.
8.4	24.0	2223.2	775.0	11.3	11.0	220.0	14.0	10.3	12.2	306.0	335.0	10.0	08.0	3.2	47.
10.3	31.1	2457.1	750.0	5.0	8.5	215.0	15.5	11.4	15.0	307.2	333.3	5.4	01.0	4.5	57.
10.9	33.0	2770.0	725.0	0.1	0.7	000.0	00.0	00.0	00.0	308.4	332.4	0.5	00.7	5.0	54.
11.6	36.4	3060.5	700.0	0.3	4.0	000.0	00.0	00.0	00.0	309.2	331.2	7.0	02.7	00.0	00.0
12.4	39.1	3365.4	675.0	15.1	13.4	000.0	00.5	00.0	00.0	222.2	365.0	14.0	00.0	00.0	00.0
02.0	00.0	00.0	650.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
02.0	00.0	00.0	625.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
02.0	00.0	00.0	600.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
02.0	00.0	00.0	575.0	00.0	00.0	00.0	00.5	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
02.0	00.0	00.0	550.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
02.0	00.0	00.0	525.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
02.0	00.0	00.0	500.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
02.0	00.0	00.0	475.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
02.0	00.0	00.0	450.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
02.0	00.0	00.0	425.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
02.0	00.0	00.0	400.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
02.0	00.0	00.0	375.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
02.0	00.0	00.0	350.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
02.0	00.0	00.0	325.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
02.0	00.0	00.0	300.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
02.0	00.0	00.0	275.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
02.0	00.0	00.0	250.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
02.0	00.0	00.0	225.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
02.0	00.0	00.0	200.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
02.0	00.0	00.0	175.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
02.0	00.0	00.0	150.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
02.0	00.0	00.0	125.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
02.0	00.0	00.0	100.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
02.0	00.0	00.0	75.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
02.0	00.0	00.0	50.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
02.0	00.0	00.0	25.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0

0.17 SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG



STATION NO. 349  
NEWETT, MISSOURI7 JUNE 1979  
1705 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DIR DG	SPD M/SEC	U CCMF M/SEC	V COMP M/SEC	PCT 1 DB K	E POT 1 DG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	9.6	438.0	957.3	21.1	19.4	5.7	-2.9	4.9	298.0	337.3	15.0	98.0	0.0	0.0
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	10.3	508.7	950.0	21.2	19.9	99.9	99.9	99.9	298.7	339.7	15.6	92.6	99.9	99.9
1.2	12.7	736.3	925.0	19.8	19.1	99.9	99.9	99.9	299.6	339.7	15.2	92.6	99.9	99.9
2.2	15.1	971.4	900.0	19.4	19.0	99.9	99.9	99.9	301.2	343.0	15.6	92.6	99.9	99.9
3.3	17.5	1216.3	875.0	17.8	17.5	15.4	7.6	13.4	302.2	341.2	14.5	92.6	99.9	99.9
4.6	23.0	1468.2	850.0	17.4	16.9	16.9	10.7	13.1	304.4	343.4	14.5	92.6	99.9	99.9
5.7	22.5	1721.0	825.0	16.0	15.4	16.0	13.1	10.2	305.2	342.3	13.5	92.6	99.9	99.9
6.7	25.0	1983.5	803.0	17.0	12.5	16.1	14.9	5.9	309.2	341.2	11.5	92.6	99.9	99.9
7.7	27.6	2258.5	775.0	15.7	7.3	13.8	13.3	3.7	310.7	341.2	8.3	92.6	99.9	99.9
8.7	30.2	2532.1	750.0	13.4	5.9	13.1	12.4	4.3	311.1	341.2	7.8	92.6	99.9	99.9
9.7	32.9	2816.8	725.0	11.4	4.9	12.7	12.3	3.0	311.9	341.2	7.5	92.6	99.9	99.9
10.7	35.6	3100.1	700.0	9.0	2.9	12.6	12.3	2.5	312.4	341.2	7.2	92.6	99.9	99.9
11.5	34.3	3409.5	675.0	6.4	3.2	12.5	12.3	2.3	312.6	341.2	7.2	92.6	99.9	99.9
13.0	41.1	3718.3	650.0	3.9	3.1	14.4	14.3	1.9	313.4	341.2	7.4	92.6	99.9	99.9
14.1	44.0	4036.5	625.0	1.7	0.2	15.4	15.3	1.7	314.4	341.2	6.2	92.6	99.9	99.9
15.5	46.9	4363.5	600.0	-0.2	-2.9	14.9	14.7	2.2	315.8	341.2	5.2	92.6	99.9	99.9
16.8	43.9	4705.6	575.0	-1.7	-9.0	13.8	13.5	2.5	318.0	341.2	3.4	92.6	99.9	99.9
18.1	52.9	5039.3	550.0	-3.1	-19.0	12.8	12.6	2.1	321.6	341.2	1.5	92.6	99.9	99.9
19.6	54.9	5476.5	525.0	-4.7	-50.9	12.8	12.6	0.8	322.7	341.2	0.1	92.6	99.9	99.9
21.0	59.0	5909.0	500.0	-6.2	-53.9	12.0	12.0	-0.3	325.4	341.2	0.0	92.6	99.9	99.9
22.5	62.3	6208.5	475.0	-8.5	-55.3	11.5	11.5	-0.5	327.4	341.2	0.0	92.6	99.9	99.9
24.0	65.6	6425.1	450.0	-11.7	-57.3	11.0	10.9	-1.1	328.2	341.2	0.0	92.6	99.9	99.9
25.6	69.0	7063.0	425.0	-15.2	-59.5	11.2	11.1	-1.1	329.2	341.2	0.0	92.6	99.9	99.9
27.3	72.6	7515.9	400.0	-17.8	-61.2	10.6	10.6	-1.5	331.6	341.2	0.0	92.6	99.9	99.9
29.0	76.3	7995.1	375.0	-21.1	-63.3	11.0	11.0	-0.0	333.7	341.2	0.0	92.6	99.9	99.9
30.9	83.1	8499.9	350.0	-25.3	-66.1	11.1	11.1	0.5	334.7	341.2	0.0	92.6	99.9	99.9
32.4	86.2	9032.2	325.0	-29.8	-69.1	10.5	10.4	0.0	335.6	341.2	0.0	92.6	99.9	99.9
34.8	88.3	9601.7	300.0	-32.3	-78.7	13.4	13.3	1.6	339.6	341.2	0.0	92.6	99.9	99.9
37.0	92.7	10210.0	275.0	-36.2	-73.3	19.8	19.4	1.9	342.6	341.2	0.0	92.6	99.9	99.9
39.2	97.0	10865.3	250.0	-40.1	-69.9	26.4	31.3	3.0	346.6	341.2	0.0	92.6	99.9	99.9
41.4	102.6	11579.5	225.0	-44.2	-69.9	37.1	36.9	4.4	350.7	341.2	0.0	92.6	99.9	99.9
44.0	108.0	12359.1	200.0	-50.5	-69.9	39.1	37.4	7.1	352.2	341.2	0.0	92.6	99.9	99.9
46.9	113.8	13217.6	175.0	-57.2	-69.9	35.5	35.2	7.0	355.2	341.2	0.0	92.6	99.9	99.9
50.0	120.0	14174.7	150.0	-64.5	-69.9	31.7	31.6	2.5	359.2	341.2	0.0	92.6	99.9	99.9
53.3	127.8	15278.2	125.0	-65.9	-69.9	18.4	18.2	3.7	375.7	341.2	0.0	92.6	99.9	99.9
57.5	135.3	16631.2	100.0	-62.4	-69.9	12.0	10.0	6.7	395.7	341.2	0.0	92.6	99.9	99.9
62.2	144.0	18179.7	75.0	-64.3	-69.9	7.1	2.0	6.0	438.1	341.2	0.0	92.6	99.9	99.9
65.4	154.5	20913.6	50.0	-66.2	-69.9	6.1	-3.5	8.0	611.0	341.2	0.0	92.6	99.9	99.9
71.1	165.3	25437.0	25.0	-67.7	-69.9	99.9	99.9	99.9	647.2	341.2	0.0	92.6	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
HONEYT, MISSOURI  
7 JUNE 1979  
2303 GMT

TIME MIN	CMTCT	HEIGHT GM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 9 DEG K	E POT 7 DEG K	MR RIG CM/RG	SW PCT	RANGE KM	AZ DEG
0.0	10.1	430.0	957.0	28.2	23.1	180.0	3.1	0.0	3.1	305.3	350.1	19.0	70.0	0.0	0.0
99.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	13.0	503.5	950.0	27.8	22.3	195.5	8.5	2.7	8.1	305.0	350.0	18.1	71.0	0.2	340.0
1.1	13.2	740.2	920.0	25.7	21.3	202.8	9.2	3.0	8.5	305.0	350.0	17.5	70.0	0.5	0.0
2.4	15.7	981.5	900.0	23.1	20.1	200.0	10.3	3.0	9.6	305.2	350.0	16.7	69.3	1.2	19.0
4.1	18.2	1227.0	875.0	21.5	19.1	207.2	11.4	5.2	10.1	306.1	349.0	16.1	68.1	2.4	10.0
5.2	23.7	1479.1	850.0	19.7	17.5	215.0	12.2	7.1	9.9	306.4	347.0	15.0	67.3	3.1	22.0
6.0	23.2	1736.6	825.0	17.6	15.7	225.7	13.2	9.5	9.2	307.1	346.0	13.0	66.8	3.7	25.0
6.3	25.8	2000.5	800.0	16.7	15.3	235.3	15.2	12.7	8.8	311.3	338.1	8.0	52.2	4.4	20.0
8.0	29.4	2272.9	775.0	17.7	2.9	235.9	15.0	13.6	6.2	312.9	330.0	6.1	37.2	5.4	35.0
9.1	31.0	2552.0	750.0	15.8	1.9	235.3	13.6	11.2	7.7	313.0	331.1	5.9	35.0	6.3	30.0
10.2	33.8	2839.0	725.0	13.0	0.4	243.3	12.6	11.2	5.9	314.4	335.0	7.3	52.7	7.1	40.0
11.3	36.4	3135.0	700.0	11.9	2.6	253.6	12.0	11.9	3.5	315.4	335.0	6.7	53.9	7.0	43.0
12.4	39.2	3438.5	675.0	9.3	1.6	263.2	11.0	10.9	1.1	316.1	335.0	6.4	58.6	8.5	40.0
13.5	42.1	3750.5	650.0	6.9	-0.0	273.6	9.4	9.4	-0.6	316.0	330.0	5.9	61.4	9.0	0.0
14.7	45.0	4071.7	625.0	4.2	-4.4	273.3	8.0	8.0	-0.3	317.2	330.0	4.4	63.3	9.5	52.0
15.8	48.0	4402.0	600.0	2.0	-12.0	280.0	6.5	6.1	-2.1	319.1	320.0	2.4	31.1	9.0	50.0
17.1	51.0	4745.4	575.0	0.1	-15.6	300.5	4.0	3.4	-2.9	320.1	320.0	1.9	25.0	10.0	50.0
19.0	54.1	5099.5	550.0	-2.8	-27.4	260.6	3.4	4.5	-2.2	320.7	323.1	0.7	12.4	10.1	50.0
19.9	57.3	5466.2	525.0	-4.0	-32.0	285.0	4.5	4.4	-1.2	322.7	320.0	0.1	1.0	10.0	0.0
21.5	62.5	5808.9	500.0	-6.3	-38.2	275.0	4.4	4.4	-0.2	325.4	320.0	0.1	2.4	10.0	0.0
23.0	63.6	6248.2	475.0	-8.8	-55.5	260.4	3.9	3.9	0.1	327.1	320.0	0.0	1.0	11.1	0.0
24.5	67.1	6663.9	450.0	-12.4	-74.4	250.7	5.0	5.0	1.5	327.7	320.0	0.0	1.0	11.5	0.0
26.1	73.7	7098.7	425.0	-14.9	-80.4	240.7	7.0	6.7	3.2	329.0	330.0	0.0	1.0	12.1	0.0
27.7	74.1	7556.1	400.0	-18.5	-81.7	240.0	9.0	8.0	3.9	331.0	331.1	0.0	1.0	12.4	0.0
29.4	78.0	8032.2	375.0	-21.4	-73.5	240.0	10.4	10.1	3.9	333.2	330.0	0.0	1.0	14.1	0.0
31.4	81.0	8530.4	350.0	-23.6	-65.0	253.5	16.2	15.8	4.6	337.0	330.0	0.0	1.0	15.4	0.0
33.1	87.1	9175.9	325.0	-27.3	-67.4	251.1	25.5	24.0	5.7	339.1	330.0	0.0	1.0	17.7	0.0
35.4	90.3	9650.1	300.0	-30.0	-69.2	260.9	29.0	29.2	6.7	343.1	343.2	0.0	1.0	21.3	0.0
37.6	94.5	10263.0	275.0	-33.0	-72.5	260.2	29.1	29.1	0.9	344.9	340.0	0.0	1.0	23.1	71.0
40.0	99.2	10922.2	250.0	-39.6	-69.9	265.4	32.4	32.4	2.0	347.3	339.0	99.0	99.0	29.2	73.0
42.4	104.0	11633.7	225.0	-45.0	-69.0	265.0	30.2	34.0	3.0	349.2	339.0	99.0	99.0	33.9	75.0
45.4	109.4	12411.3	200.0	-51.3	-69.9	267.5	30.3	34.3	1.5	351.2	339.0	99.0	99.0	40.0	70.0
49.6	115.2	13245.6	175.0	-57.9	-69.9	277.3	32.5	32.2	-0.1	354.4	339.0	99.0	99.0	46.1	70.0
51.7	121.4	14235.3	150.0	-63.3	-69.9	273.6	29.0	25.4	-1.6	361.6	339.0	99.0	99.0	51.5	81.0
55.3	129.3	15330.5	125.0	-69.0	-69.9	259.0	21.0	21.6	4.2	370.0	339.0	99.0	99.0	54.4	81.0
59.5	136.0	16546.3	100.0	-70.7	-69.9	250.1	12.2	11.8	3.1	391.8	339.0	99.0	99.0	60.8	81.0
65.0	145.0	18367.0	75.0	-74.2	-69.9	176.6	5.3	-0.3	5.3	438.4	339.0	99.0	99.0	62.2	79.0
72.8	154.0	20930.0	50.0	-74.2	-69.9	116.6	5.1	-4.6	2.2	515.4	339.0	99.0	99.0	62.2	79.0
80.0	165.5	25449.2	25.0	-74.8	-69.9	99.9	99.9	95.0	99.9	690.1	339.0	99.0	99.0	57.9	77.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 349  
HONETT, MISSOURI

7 JUNE 1976  
2005 GMT

TIME MIN	CHFCY	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	A COMP M/SEC	V COMP M/SEC	POT 1 DEG	E POT 1 DEG	HE RTG CM/MS	RM PCT	102 RM	11.0 RM	0
0.0	10.0	430.0	987.0	20.1	22.2	170.0	9.1	-0.9	0.0	303.0	350.7	17.9	70.0	0.0	0.0	0.0
00.0	00.0	99.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
01.0	00.0	99.0	975.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
02.0	11.2	902.1	950.0	24.4	20.8	185.0	11.4	1.1	11.4	304.0	340.0	10.6	71.0	0.3	350.0	0.0
1.0	13.5	730.6	925.0	25.0	19.0	183.0	11.3	0.0	11.3	302.0	340.1	10.0	70.7	0.7	2.0	0.0
2.1	15.0	970.4	900.0	22.2	19.7	180.0	11.1	0.9	11.0	300.4	340.3	10.3	85.0	1.3	2.0	0.0
2.0	18.3	1223.6	875.0	20.0	19.3	193.2	12.2	2.0	11.0	300.4	340.3	10.4	89.0	1.9	4.0	0.0
3.0	23.7	1470.0	850.0	17.9	16.8	201.0	12.5	4.0	11.0	300.0	340.0	10.4	93.0	2.6	7.0	0.0
4.0	23.2	1730.0	825.0	16.5	15.4	215.0	13.4	7.7	11.0	300.0	340.0	13.5	93.2	3.3	12.0	0.0
5.0	25.7	1930.0	800.0	17.5	9.3	235.7	14.5	12.3	0.4	209.4	334.0	0.0	94.1	4.0	10.0	0.0
6.0	28.2	2200.5	775.0	17.3	3.2	260.1	15.6	13.5	7.7	312.2	330.6	0.2	98.0	4.9	27.0	0.0
7.0	30.0	2503.7	750.0	17.4	4.0	230.7	15.6	16.3	7.3	313.2	330.1	0.0	100.7	5.6	32.0	0.0
8.0	33.3	2830.0	725.0	17.0	3.6	231.9	15.0	9.0	7.7	313.3	330.3	0.0	104.2	6.4	34.0	0.0
9.0	34.0	3120.0	700.0	10.0	2.4	240.7	15.2	11.2	6.3	313.0	332.0	0.0	109.0	7.2	36.0	0.0
10.0	34.0	3425.2	675.0	7.9	2.4	250.0	15.0	13.3	3.1	310.2	334.3	0.0	114.0	8.1	40.0	0.0
11.0	35.0	3735.0	650.0	5.0	-0.3	264.4	15.2	14.2	1.3	310.4	332.0	0.0	119.0	9.0	45.0	0.0
12.0	40.3	4055.7	625.0	3.0	-0.3	271.5	15.1	13.1	-0.3	310.4	327.1	3.5	124.0	9.8	50.0	0.0
13.0	47.1	4355.0	600.0	1.0	-19.3	276.9	15.1	12.0	-1.5	310.4	320.1	1.4	129.0	10.6	55.0	0.0
14.0	50.1	4727.7	575.0	-0.2	-20.1	290.1	11.0	10.0	-0.5	319.0	320.1	0.1	134.0	11.1	57.0	0.0
15.0	53.0	5031.0	550.0	-2.5	-51.5	295.8	9.0	0.7	-0.1	321.0	321.0	0.1	139.0	11.6	61.0	0.0
16.0	56.1	5449.1	525.0	-4.1	-62.5	290.3	0.3	7.0	-2.0	323.0	323.7	0.1	144.0	12.1	64.0	0.0
17.0	59.3	5832.1	500.0	-6.8	-65.9	290.4	0.2	7.7	-2.9	325.0	325.5	0.1	149.0	12.4	66.0	0.0
18.0	62.0	6231.0	475.0	-9.0	-55.5	291.3	7.7	6.6	-0.0	327.0	327.0	0.0	154.0	13.1	68.0	0.0
19.0	65.0	6646.4	450.0	-12.0	-57.9	291.3	0.4	7.0	-3.0	327.0	327.0	0.0	159.0	13.6	71.0	0.0
20.0	68.1	7070.0	425.0	-15.0	-59.6	272.2	0.9	0.9	-0.3	328.0	329.7	0.3	164.0	14.3	73.0	0.0
21.0	71.0	7530.0	400.0	-18.0	-63.2	261.0	0.0	7.0	1.1	330.0	331.1	0.2	169.0	15.1	74.0	0.0
22.0	74.0	8011.3	375.0	-21.0	-63.9	260.4	0.9	0.3	3.3	332.0	332.0	0.0	174.0	15.9	74.0	0.0
23.0	77.0	8511.3	350.0	-24.0	-66.2	262.3	12.0	10.0	5.6	334.0	334.0	0.0	179.0	16.7	72.0	0.0
24.0	80.0	9030.1	325.0	-27.0	-67.5	257.3	10.0	16.0	3.6	339.0	339.0	0.0	184.0	17.0	72.0	0.0
25.0	83.0	9621.3	300.0	-31.0	-70.2	262.0	22.0	22.0	2.9	342.0	342.0	0.0	189.0	17.0	72.0	0.0
26.0	86.0	10231.2	275.0	-34.0	-73.2	263.0	20.0	20.0	3.1	342.0	342.0	0.0	194.0	17.0	72.0	0.0
27.0	89.0	10877.1	250.0	-37.0	-77.5	260.2	33.0	33.0	1.1	344.0	344.0	0.0	199.0	17.0	72.0	0.0
28.0	92.0	11599.9	225.0	-40.0	-79.9	261.0	30.0	35.0	4.5	349.0	349.0	0.0	204.0	17.0	72.0	0.0
29.0	95.0	12377.3	200.0	-43.0	-82.5	262.0	30.0	36.0	5.2	350.0	350.0	0.0	209.0	17.0	72.0	0.0
30.0	98.0	13259.1	175.0	-46.0	-85.0	265.4	30.0	36.0	5.2	350.0	350.0	0.0	214.0	17.0	72.0	0.0
31.0	101.0	14193.3	150.0	-49.0	-87.5	270.2	30.0	36.0	5.2	350.0	350.0	0.0	219.0	17.0	72.0	0.0
32.0	104.0	15200.3	125.0	-52.0	-90.0	260.0	20.4	20.4	3.2	352.0	352.0	0.0	224.0	17.0	72.0	0.0
33.0	107.0	16339.9	100.0	-55.0	-92.5	260.7	12.5	11.7	4.3	352.0	352.0	0.0	229.0	17.0	72.0	0.0
34.0	110.0	17500.0	75.0	-58.0	-95.0	194.3	5.0	1.4	0.4	350.0	350.0	0.0	234.0	17.0	72.0	0.0
35.0	113.0	18777.7	50.0	-61.0	-97.5	143.6	0.0	0.7	3.7	350.0	350.0	0.0	239.0	17.0	72.0	0.0
36.0	116.0	20000.4	25.0	-64.0	-99.0	99.0	0.0	0.0	0.0	350.0	350.0	0.0	244.0	17.0	72.0	0.0
37.0	119.0	21410.4	0.0	-67.0	-99.0	99.0	0.0	0.0	0.0	350.0	350.0	0.0	249.0	17.0	72.0	0.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 349  
MONEY, MISSOURI  
8 JUNE 1979  
236 GMT

TIME MIN	CHTY	WEIGHT GPH	PRES MB	TEMP DEG C	DRY PT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND CM/KG	RM MCT	RANGE KM	AZ DEG
0.0	10.2	438.0	558.0	22.6	21.1	150.0	2.6	-1.3	2.3	302.4	346.0	16.7	70.0	0.0	0.
0.0	99.9	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.1	99.9	99.0	975.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.3	13.9	512.2	550.0	26.8	22.1	183.2	8.1	0.5	8.1	303.3	351.1	17.9	80.1	0.2	35.1
1.2	13.3	747.7	625.0	24.4	21.2	181.5	10.8	2.2	10.4	304.2	351.1	17.8	82.5	0.6	2.
1.2	15.6	988.2	600.0	27.6	20.8	194.0	13.9	3.4	13.4	304.6	351.7	17.5	89.3	1.3	7.
3.3	14.1	1234.1	875.0	20.7	19.9	202.2	16.5	6.3	15.3	305.3	351.1	17.0	93.1	2.2	11.
4.0	20.5	1485.3	850.0	18.6	18.1	211.8	18.5	9.7	15.7	305.5	348.0	15.6	95.3	3.1	14.
4.9	23.0	1742.2	825.0	16.0	15.0	217.5	17.9	10.9	14.2	307.6	343.7	13.1	92.4	4.1	21.
5.4	25.5	2006.4	800.0	17.6	9.7	223.9	15.2	10.6	11.0	309.5	336.0	9.6	60.2	5.0	26.
6.8	28.1	2277.7	775.0	17.1	-1.9	230.6	14.2	11.6	9.0	312.3	325.0	4.3	27.3	5.0	26.
7.0	33.7	2556.5	750.0	15.9	-8.2	230.6	13.0	10.4	8.7	313.6	322.3	2.8	18.4	6.6	31.
6.9	33.3	2443.2	725.0	13.7	1.3	232.4	11.4	9.1	7.0	314.5	321.6	5.0	42.8	7.4	33.
10.1	36.0	3137.6	700.0	11.5	-0.4	230.2	9.2	8.0	4.4	319.3	321.0	5.3	43.6	8.1	33.
11.3	35.0	3440.7	675.0	5.3	-0.5	254.3	7.6	7.3	2.0	316.5	322.3	5.5	50.3	8.6	37.
12.5	31.6	3722.9	650.0	7.2	-2.1	253.6	4.6	4.6	0.4	317.1	322.3	5.0	51.4	8.3	37.
13.9	44.4	4274.2	625.0	4.7	-5.8	253.0	2.2	1.9	1.0	317.6	320.0	4.0	46.0	9.1	40.
14.9	47.4	4403.6	600.0	2.3	-11.3	225.9	1.1	0.8	0.7	318.8	322.2	2.7	35.9	9.2	40.
16.4	50.4	4747.5	575.0	-0.7	-11.7	197.2	1.7	0.5	1.7	319.1	327.6	2.7	42.9	9.2	40.
17.7	53.4	5100.6	550.0	-2.9	-40.0	187.2	4.4	0.6	4.4	320.8	321.7	0.3	5.6	9.4	39.
18.0	55.5	5468.7	525.0	-3.6	-32.2	199.1	4.2	2.8	5.0	324.1	324.3	0.1	1.0	9.0	38.
20.5	59.9	7851.6	500.0	-6.8	-54.2	206.0	8.2	3.6	7.4	324.8	325.0	0.0	1.0	10.4	37.
22.1	63.0	8250.0	475.0	-5.3	-53.2	207.4	8.3	3.8	7.4	324.8	326.4	0.0	1.0	11.2	36.
23.7	68.3	8683.2	450.0	-12.7	-59.0	224.4	8.3	9.6	5.9	327.2	327.4	0.0	1.0	12.0	36.
23.5	69.7	7100.0	425.0	-14.6	-59.2	236.2	13.4	10.8	7.9	330.2	330.4	0.0	1.0	13.0	37.
27.1	73.3	7537.4	400.0	-16.6	-60.4	259.3	21.6	20.8	5.9	333.8	333.6	0.0	1.0	14.6	40.
28.1	77.0	8035.6	375.0	-18.6	-61.9	256.6	30.4	29.5	7.0	336.7	336.8	0.0	1.0	17.2	47.
30.9	83.8	8551.5	350.0	-21.7	-63.8	260.2	32.9	32.0	8.5	339.6	339.6	0.0	1.0	20.2	52.
32.9	84.8	9032.1	325.0	-24.7	-67.0	267.3	33.5	33.3	1.4	339.6	339.9	0.0	1.0	23.7	57.
35.1	87.0	9643.9	300.0	-31.4	-70.2	269.5	33.3	33.3	0.3	340.5	340.9	0.0	1.0	27.5	62.
37.4	93.3	10274.0	275.0	-36.3	-77.3	268.0	38.5	38.4	1.0	342.7	342.7	0.0	1.0	31.7	66.
38.5	94.0	10930.1	250.0	-40.9	-80.9	267.0	39.0	38.7	4.9	345.3	345.3	0.0	99.9	37.8	68.
39.5	94.0	11638.4	225.0	-46.3	-89.9	264.4	36.1	36.9	3.9	347.8	347.8	0.0	99.9	42.1	70.
40.9	108.0	12412.6	200.0	-52.8	-99.9	260.3	36.3	36.3	1.1	350.3	350.3	0.0	99.9	47.4	72.
47.9	113.8	13262.9	175.0	-59.8	-99.9	274.2	36.2	31.1	-2.7	351.6	351.6	0.0	99.9	54.1	74.
51.2	119.8	14214.4	150.0	-65.6	-99.9	262.4	31.1	30.8	4.1	357.0	357.0	0.0	99.9	60.4	76.
54.9	124.5	15302.9	125.0	-71.3	-99.9	254.1	24.2	21.5	9.0	365.5	365.5	0.0	99.9	66.9	76.
58.3	130.3	16628.1	100.0	-65.5	-99.9	221.2	9.9	6.5	7.5	393.4	393.4	0.0	99.9	71.5	76.
61.6	143.0	18168.7	75.0	-64.4	-99.9	168.7	8.8	-1.3	6.7	437.6	437.6	0.0	99.9	76.1	75.
72.7	153.3	20891.2	50.0	-67.7	-99.9	115.1	7.6	-0.9	3.2	505.3	505.3	0.0	99.9	80.1	74.
85.9	144.5	23189.7	25.0	-69.4	-99.9	79.5	15.3	-15.0	-2.8	642.5	642.5	0.0	99.9	82.6	71.

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 9 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
 99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 349  
HOWETT, MISSOURI8 JUNE 1970  
000 GMT

ISS 0. 0

TIME MIN	CHTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT V DEG K	MI STO GPM/KS	RM PCY	RANGE KM	AZ DEG
0.0	10.2	438.0	999.4	24.1	21.8	140.0	4.1	-2.6	3.1	300.6	340.0	17.4	87.0	0.0	0.
0.9	09.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	09.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	11.0	524.7	990.0	24.6	22.4	175.0	9.5	-0.7	9.5	302.2	351.2	18.5	88.8	0.3	301
1.2	13.4	760.0	990.0	24.5	22.2	191.0	12.0	2.3	11.8	304.1	353.4	18.5	88.8	0.7	353
2.2	15.7	1000.5	990.0	22.4	21.0	203.5	16.9	7.1	14.9	304.6	352.2	17.2	91.7	1.9	7.
3.0	19.1	1246.2	875.0	20.9	20.1	210.1	18.9	10.9	16.9	305.1	351.3	17.2	97.2	2.4	18.
3.9	23.5	1497.7	850.0	15.3	18.4	219.3	19.5	12.4	15.1	306.4	349.7	15.9	64.4	3.3	23.
4.6	27.9	1755.0	825.0	10.1	15.0	229.3	18.2	11.8	13.9	307.7	343.9	13.2	82.4	4.2	27.
5.9	25.4	2018.7	800.0	17.2	7.0	219.8	14.9	10.3	12.7	309.8	333.1	8.4	52.0	5.4	30.
7.1	27.9	2290.1	775.0	17.3	0.4	220.8	14.7	9.4	11.1	312.4	327.4	5.1	32.1	6.5	31.
8.1	33.4	2582.9	750.0	15.9	-3.1	219.1	12.3	7.2	9.8	313.4	325.7	4.1	27.8	7.3	33.
9.1	33.0	2855.5	725.0	14.0	1.8	212.0	8.0	4.7	7.8	314.6	322.6	0.0	43.4	7.9	33.
10.2	35.7	3150.1	700.0	11.3	0.1	213.7	7.7	4.3	6.4	316.0	321.3	3.5	46.1	8.5	33.
11.2	39.3	3452.9	675.0	5.0	-0.4	219.2	5.5	3.8	4.3	315.7	322.1	1.5	51.7	8.9	33.
12.3	41.0	3744.4	650.0	6.6	-2.0	207.9	4.1	1.9	3.7	316.8	320.9	4.8	51.0	9.2	33.
13.4	43.8	4029.4	625.0	3.9	-3.1	193.4	4.2	0.4	4.3	316.5	321.4	4.8	59.4	9.5	33.
14.5	46.4	4315.9	600.0	1.8	-10.3	187.3	4.5	-1.8	4.4	317.5	320.8	2.9	40.2	9.7	31.
15.8	49.5	4577.4	575.0	-0.9	-13.1	183.9	4.7	-1.8	5.5	318.5	320.8	2.4	30.9	9.9	30.
17.1	52.5	5110.5	550.0	-2.4	-11.6	177.4	8.7	-0.4	8.0	321.1	321.3	0.1	1.0	10.0	24.
18.5	55.5	5378.3	525.0	-4.1	-12.5	191.5	10.2	2.0	10.0	323.8	323.7	0.1	1.0	11.1	24.
19.9	59.4	5661.4	500.0	-6.9	-14.0	198.0	10.0	3.1	10.4	325.1	325.3	0.0	1.0	11.9	26.
21.3	61.4	5959.8	475.0	-9.3	-15.8	203.6	10.9	4.4	10.0	326.8	326.4	0.0	1.0	12.0	25.
22.7	65.0	6279.8	450.0	-12.0	-17.5	225.7	13.0	9.5	8.9	328.1	328.3	0.0	1.0	13.0	26.
24.2	63.4	7111.6	425.0	-14.1	-19.3	233.5	19.4	18.4	8.5	328.1	328.0	0.0	1.0	14.9	29.
25.6	71.9	7370.2	400.0	-15.2	-19.6	260.6	26.0	25.7	1.6	330.5	331.0	0.0	1.0	16.2	35.
27.4	75.4	8055.7	375.0	-18.2	-21.9	265.4	31.1	31.8	2.3	337.6	337.7	0.0	1.0	19.3	43.
29.3	79.2	8567.0	350.0	-22.0	-23.9	282.1	32.6	32.3	4.5	339.2	337.2	0.0	1.0	21.1	49.
31.2	83.0	9106.6	325.0	-26.9	-27.2	284.0	30.4	30.8	3.2	339.6	337.4	0.0	1.0	24.3	54.
33.3	87.0	9677.9	300.0	-31.3	-29.0	293.4	31.8	31.7	2.4	341.3	337.4	0.0	1.0	27.7	58.
35.5	91.3	10288.6	275.0	-32.4	-22.9	281.1	34.0	35.6	5.6	343.7	332.7	0.0	1.0	31.6	61.
37.7	95.8	10844.9	250.0	-30.6	-22.9	259.1	36.0	38.6	8.9	343.7	332.7	0.0	1.0	36.5	64.
40.3	100.5	11654.9	225.0	-45.8	-25.0	250.3	35.1	35.1	2.2	345.1	339.4	99.9	99.9	41.9	66.
43.1	105.5	12574.0	200.0	-57.1	-26.1	268.1	32.5	32.4	2.2	350.2	337.6	55.9	99.9	46.7	69.
46.3	111.0	13279.1	175.0	-56.4	-26.2	267.2	33.9	33.9	1.7	353.4	339.0	99.9	99.9	53.1	71.
49.6	117.0	14231.0	150.0	-62.0	-26.0	269.4	28.4	28.4	1.4	357.3	339.0	99.9	99.9	59.2	73.
53.4	123.5	15320.6	125.0	-72.1	-25.9	259.1	27.2	25.6	0.3	364.4	339.0	99.9	99.9	65.3	73.
57.6	130.8	16442.1	100.0	-68.2	-26.9	212.3	11.0	8.9	9.3	366.8	339.0	99.9	99.9	70.3	73.
63.1	139.0	18374.2	75.0	-55.0	-25.9	169.9	7.7	-2.8	7.3	436.6	339.0	99.9	99.9	71.0	71.
71.0	149.3	20933.8	50.0	-59.0	-25.9	119.0	6.0	-0.1	3.0	502.6	339.0	99.9	99.9	69.0	69.
83.0	158.0	25356.9	25.0	-80.6	-50.9	87.7	12.5	-12.8	-0.5	639.3	339.0	99.9	99.9	63.0	67.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
MOWETT, MISSOURI8 JUNE 1979  
880 CMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PGT 1 DEG M	E POT Y DEG K	MX RTO CM/KG	RH PGT	RANGE AZ KM	RANGE DG
0.0	10.1	438.0	908.0	22.6	21.6	180.0	4.1	-2.1	3.6	299.1	344.3	17.2	94.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.2	11.1	530.0	975.0	55.9	23.3	186.7	11.4	1.3	11.4	301.7	352.9	59.9	999.9	999.9	999.9
1.1	13.5	705.1	925.0	23.8	22.9	194.8	15.1	4.4	15.5	303.6	359.3	19.4	94.8	0.4	336.
2.0	14.0	1005.1	900.0	21.9	21.0	211.3	18.2	9.5	15.5	304.6	351.5	17.7	94.9	0.8	355.
2.9	14.5	1250.0	875.0	25.3	19.4	220.2	18.6	12.6	15.0	304.6	349.2	16.4	94.3	1.7	10.
3.8	21.0	1501.4	850.0	15.2	18.2	222.7	20.1	13.6	14.8	306.3	348.8	15.7	93.5	2.7	21.
4.6	21.6	1756.4	825.0	17.4	15.7	227.0	19.9	13.9	11.9	307.6	344.8	13.8	89.8	3.6	27.
5.9	24.2	2021.9	800.0	15.5	11.4	228.4	18.4	12.2	10.9	308.7	338.5	10.7	71.8	5.9	35.
7.1	24.9	2292.4	775.0	15.8	4.6	223.9	15.0	9.7	10.1	310.1	330.7	6.9	47.4	6.9	36.
8.1	31.6	2570.3	750.0	14.1	2.7	224.3	10.9	7.6	7.8	311.5	330.0	6.2	46.3	7.7	37.
9.2	34.2	2855.9	725.0	13.2	0.0	213.4	9.2	5.4	8.2	314.0	328.8	5.0	38.0	8.4	38.
10.3	37.0	3150.1	700.0	11.4	-3.1	192.1	9.2	1.9	9.0	315.1	328.2	4.4	36.0	9.0	37.
11.5	39.9	3452.6	675.0	8.3	0.0	164.5	10.0	0.0	9.9	316.8	331.7	9.7	55.9	9.6	34.
12.7	42.7	3703.5	650.0	5.9	-0.0	181.6	8.1	0.2	8.1	315.2	332.7	5.9	67.3	10.1	32.
14.0	45.6	4007.3	625.0	3.0	-1.2	172.7	6.9	-0.9	6.9	315.5	332.6	8.6	73.9	10.6	31.
15.4	48.6	4412.8	600.0	0.8	-9.5	168.0	8.1	-1.7	7.9	317.0	326.8	3.2	47.0	11.1	29.
16.7	51.6	5106.1	575.0	-1.3	-31.2	183.2	8.7	4.1	8.7	318.2	320.5	0.6	10.3	11.6	27.
18.1	54.8	5696.1	550.0	-2.6	-51.6	202.7	10.5	6.1	9.7	321.6	321.2	0.1	1.0	12.6	26.
19.5	57.9	5942.9	525.0	-3.9	-51.3	204.5	13.1	8.9	11.8	322.2	322.6	0.1	1.6	13.3	26.
20.9	61.3	5956.8	500.0	-7.1	-62.4	213.5	13.0	7.2	10.8	324.5	325.1	0.2	4.1	14.5	26.
22.2	64.6	6253.2	475.0	-8.7	-55.4	221.7	12.8	10.1	7.9	327.2	327.3	0.0	1.0	15.5	27.
23.7	69.0	6670.4	450.0	-10.4	-56.5	255.7	13.5	15.0	3.8	330.1	330.5	0.0	1.0	16.4	30.
25.5	71.6	7110.3	425.0	-11.2	-57.0	272.5	21.7	21.7	-0.9	334.1	334.7	0.0	1.0	17.6	35.
27.2	75.2	7572.5	400.0	-14.4	-59.1	270.3	23.8	24.8	-0.1	336.2	336.4	0.0	1.0	18.9	41.
29.0	79.0	8056.6	375.0	-17.6	-61.1	262.4	23.6	25.3	3.4	338.4	338.5	0.0	1.0	21.0	47.
32.7	83.0	8571.0	350.0	-22.0	-64.0	255.9	26.0	25.2	6.3	339.1	339.2	0.0	1.6	23.2	50.
32.6	87.0	9110.9	325.0	-26.4	-66.4	250.2	26.4	26.0	4.9	340.3	340.4	0.0	1.1	25.9	53.
34.6	91.2	9654.0	300.0	-30.8	-69.9	256.5	26.4	26.0	6.9	342.1	342.7	0.2	16.7	28.9	56.
37.1	95.7	10296.0	275.0	-34.9	-71.1	254.7	27.0	28.0	7.6	344.7	345.7	0.3	34.9	37.2	58.
39.6	100.4	10934.3	250.0	-39.9	-73.9	259.8	27.5	27.1	4.9	346.6	349.9	99.9	999.9	37.4	60.
42.1	105.4	11605.1	225.0	-45.8	-79.9	262.7	27.7	27.5	3.5	348.2	349.9	99.9	999.9	41.0	63.
44.8	110.6	12338.5	200.0	-52.1	-85.9	258.7	30.8	30.2	6.0	350.2	349.9	99.9	999.9	45.3	64.
47.6	116.5	13748.3	175.0	-59.1	-91.9	256.4	28.8	29.2	6.0	352.4	349.9	99.9	999.9	50.6	64.
51.3	122.8	14241.7	150.0	-65.8	-99.9	259.2	23.9	23.1	4.4	357.2	349.9	99.9	999.9	56.3	67.
54.8	129.7	15328.5	125.0	-73.0	-99.9	245.9	23.1	21.1	9.4	362.6	349.9	99.9	999.9	60.8	67.
58.9	137.5	16650.2	100.0	-87.5	-99.9	217.5	15.1	7.4	9.6	367.4	349.9	99.9	999.9	65.6	67.
64.1	146.5	18377.2	75.0	-94.9	-99.9	127.3	9.5	-3.0	3.7	432.4	349.9	99.9	999.9	64.8	64.
72.0	157.0	20573.2	50.0	-94.9	-99.9	107.3	7.1	-6.0	2.1	514.1	349.9	99.9	999.9	64.0	64.
84.4	168.0	25365.3	25.0	-95.9	-99.9	87.5	10.8	-10.8	-0.8	638.8	349.9	99.9	999.9	58.6	62.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
 MONETT, MISSOURI

 8 JUNE 1979  
 1105 GMT

164 16. 8

TIME MIN	CHCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POV T DEG K	E POT T DEG K	MR RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	10.2	438.8	960.7	22.2	21.8	180.0	5.1	0.0	5.1	299.8	348.6	17.4	92.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	11.2	536.2	950.0	22.0	21.9	199.0	12.3	0.0	11.6	300.3	348.9	17.7	96.7	0.3	0.
1.2	11.7	749.3	925.0	21.8	20.9	205.0	15.6	0.0	14.1	301.7	347.1	17.1	98.6	0.9	16.
2.2	13.3	1008.1	900.0	20.4	19.5	218.9	17.5	10.0	14.4	302.4	345.5	16.1	98.6	1.0	23.
3.2	16.3	1008.1	875.0	18.7	17.9	99.9	99.9	99.9	99.9	303.2	343.4	15.0	95.0	2.9	29.
4.2	21.4	1501.1	850.0	17.1	12.5	59.9	99.9	99.9	99.9	304.6	334.9	11.3	77.3	99.9	99.9
5.1	23.0	1750.4	825.0	19.2	-1.8	99.9	99.9	99.9	99.9	308.5	324.8	4.1	24.1	99.9	99.9
6.2	29.3	2269.7	800.0	17.6	-7.3	99.9	99.9	99.9	99.9	309.5	318.2	2.6	17.7	99.9	99.9
7.2	29.3	2269.7	775.0	15.4	-2.2	99.9	99.9	99.9	99.9	310.4	320.5	3.4	23.8	99.9	99.9
8.3	31.1	2566.4	750.0	13.3	-2.7	99.9	99.9	99.9	99.9	311.3	323.5	4.2	27.7	99.9	99.9
9.5	34.9	2750.2	725.0	10.9	-7.3	59.9	99.9	99.9	99.9	311.4	320.4	3.0	27.1	99.9	99.9
10.7	37.7	3141.4	700.0	8.4	-10.4	159.5	10.9	3.5	10.4	312.0	316.7	1.5	14.7	0.0	16.
11.3	43.4	3440.8	675.0	6.7	-23.9	188.3	12.2	1.8	12.1	313.1	315.8	0.8	9.0	9.5	34.
13.0	41.4	3768.9	650.0	3.8	-17.3	178.5	13.3	-0.3	13.3	313.3	318.2	1.6	20.3	10.3	32.
14.2	46.4	4065.9	625.0	1.1	-15.0	193.3	13.7	0.4	13.7	313.7	319.8	1.9	29.3	11.2	28.
15.4	49.4	4393.2	600.0	-0.4	-22.1	205.3	11.5	4.9	10.4	315.2	319.1	1.1	17.4	12.1	27.
16.8	51.4	4732.1	575.0	-2.7	-19.2	215.3	11.6	4.8	9.5	316.4	321.6	1.5	27.3	12.9	28.
18.0	53.4	5083.1	550.0	-4.7	-35.9	218.9	11.1	7.0	8.7	318.2	319.5	0.3	5.6	13.8	29.
19.4	58.8	5447.6	525.0	-6.4	-44.1	223.5	13.6	9.4	9.9	320.2	320.7	0.0	1.0	14.7	29.
20.9	61.0	5927.9	500.0	-7.3	-50.5	229.2	15.9	12.0	10.4	324.3	324.4	0.0	1.8	16.0	31.
22.5	65.6	6229.4	475.0	-8.3	-53.9	233.6	16.3	14.6	7.3	330.1	330.3	0.0	1.8	17.9	33.
24.1	68.9	6650.4	450.0	-9.3	-55.1	236.2	16.3	16.3	1.1	332.9	332.9	0.0	1.8	18.7	36.
25.9	72.4	7091.3	425.0	-11.5	-57.2	237.7	18.4	18.4	0.7	334.2	334.4	0.0	1.0	19.7	40.
27.5	76.0	7552.7	400.0	-15.1	-59.5	255.4	19.5	19.5	4.9	335.2	335.5	0.0	1.0	21.1	44.
29.3	79.8	8038.0	375.0	-18.5	-61.7	251.8	18.7	18.8	5.9	337.1	337.2	0.0	1.0	23.0	46.
31.3	83.7	8548.7	350.0	-22.7	-64.1	250.4	21.0	19.0	7.0	338.1	338.9	0.2	11.2	25.1	48.
33.6	87.8	9087.1	325.0	-27.4	-68.1	253.9	24.7	24.6	10.1	339.8	340.2	0.3	24.9	27.8	50.
35.6	92.0	9657.3	300.0	-32.2	-73.1	246.1	24.4	24.3	9.9	340.6	341.0	0.3	32.6	31.1	52.
37.9	96.5	10267.7	275.0	-36.0	-78.2	247.1	24.1	24.2	9.4	343.1	343.3	0.0	7.2	34.0	53.
40.0	101.2	10921.7	250.0	-41.6	-84.8	245.1	23.8	21.6	10.0	344.5	344.5	0.0	99.9	37.3	54.
42.3	106.2	11626.5	225.0	-48.8	-90.9	248.3	22.6	20.7	9.1	347.5	347.5	0.0	99.9	40.3	55.
44.8	111.5	12393.7	200.0	-53.6	-99.9	253.9	25.2	24.2	7.0	347.8	347.8	0.0	99.9	43.9	56.
47.6	117.3	13239.0	175.0	-58.0	-99.9	258.3	23.4	23.6	5.4	352.8	352.8	0.0	99.9	47.9	58.
50.8	123.5	14191.4	150.0	-66.4	-99.9	263.3	22.3	19.9	10.0	355.8	355.8	0.0	99.9	51.9	59.
53.3	131.5	15278.9	125.0	-71.5	-99.9	268.8	21.7	18.7	9.3	359.2	359.2	0.0	99.9	56.9	59.
56.2	139.3	16566.1	100.0	-70.0	-99.9	197.5	9.2	3.0	9.4	362.2	362.2	0.0	99.9	60.9	58.
61.5	167.7	19110.0	75.0	-65.0	-99.9	144.7	7.1	-0.1	5.8	436.2	436.2	0.0	99.9	59.1	55.
70.8	158.0	20430.6	50.0	-54.3	-99.9	109.6	8.3	-7.8	2.8	510.6	510.6	0.0	99.9	54.0	51.
83.1	160.0	25305.7	25.0	-47.9	-99.9	79.4	11.9	-11.7	-2.2	646.5	646.5	0.0	99.9	54.0	51.

 \* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE AT TIME PAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353  
OKLAHOMA CITY, OKLAHOMA

7 JUNE 1979

139 31. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CHTCT	WEIGHT GPM	PRES MB	TEMP DEG C	TEMP DEG F	DEN G C	DEN G F	SPEED M/SEC	U M/SEC	V M/SEC	POT T DEG K	POT Y DEG K	WZ GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	10.2	392.0	955.3	21.7	71.1	20.0	160.0	9.1	-1.7	4.8	298.7	330.8	15.6	90.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.2	10.6	400.6	950.0	21.7	71.1	20.0	99.9	9.9	99.9	99.9	299.2	342.6	16.5	94.4	999.9	999.9
1.0	12.7	673.9	925.0	22.8	73.0	22.1	99.9	99.9	99.9	99.9	302.6	351.7	16.5	96.2	999.9	999.9
2.1	15.0	913.2	900.0	23.5	74.3	19.1	99.9	99.9	99.9	99.9	303.7	360.9	15.7	86.4	2.4	20.
3.3	17.2	1159.3	875.0	24.4	75.9	14.1	227.7	22.0	16.3	14.8	309.1	341.8	11.7	52.8	4.0	31.
4.3	19.5	1413.7	850.0	25.7	78.1	11.3	230.2	19.5	15.0	12.5	310.5	339.2	10.0	45.9	5.2	35.
5.4	21.7	1673.9	825.0	27.6	81.7	9.9	230.5	18.1	14.0	11.5	311.4	338.0	9.4	47.4	6.3	38.
6.4	24.1	1939.9	800.0	19.1	66.4	8.5	232.4	16.3	12.9	10.0	311.9	336.4	8.8	50.2	7.4	40.
7.4	26.4	2212.2	775.0	16.4	61.5	7.6	233.6	15.1	12.5	8.5	312.6	335.1	8.4	53.4	8.3	42.
8.5	28.8	2491.1	750.0	15.0	59.0	5.9	237.7	14.6	12.4	7.9	312.6	335.3	7.8	54.4	9.2	43.
9.6	31.2	2777.2	725.0	12.2	54.0	6.2	237.2	14.6	12.2	7.9	312.6	335.3	6.3	66.7	10.1	44.
10.7	33.6	3070.9	700.0	10.0	50.0	5.1	247.1	13.2	12.1	5.1	313.4	336.5	7.9	71.3	11.0	45.
11.9	36.1	3372.3	675.0	7.5	45.5	4.6	259.8	12.3	12.1	2.2	314.1	337.1	6.0	81.8	11.9	46.
13.1	39.7	3682.3	650.0	4.5	40.1	1.7	263.3	12.6	12.6	1.0	314.1	337.7	6.7	81.7	12.6	53.
14.4	41.2	4001.4	625.0	2.7	36.9	-4.8	268.8	11.8	11.7	1.1	315.2	320.8	3.7	50.1	13.4	53.
15.7	43.9	4330.6	600.0	0.9	33.6	-22.1	264.4	11.0	11.0	1.1	317.0	320.7	1.1	16.0	14.2	55.
17.1	46.6	4671.3	575.0	-1.5	29.3	-10.2	258.2	10.3	10.1	2.1	318.2	327.7	3.1	81.7	15.0	56.
18.4	49.4	5021.6	550.0	-4.2	24.4	-12.9	269.2	10.0	10.0	0.1	319.1	327.3	2.6	51.0	15.7	57.
19.8	52.2	5369.3	525.0	-5.4	22.3	-24.0	281.5	12.0	11.8	-2.4	321.6	325.4	1.0	21.9	16.4	59.
21.3	55.1	5770.7	500.0	-7.7	18.1	-21.9	273.6	12.6	12.6	-1.1	323.6	326.0	1.3	30.9	17.2	62.
22.9	59.1	6168.0	475.0	-9.9	14.2	-24.2	275.4	13.0	12.9	-1.2	325.6	326.5	0.8	20.8	18.3	64.
24.5	61.1	6583.7	450.0	-11.5	10.5	-42.6	287.3	12.0	11.5	-3.6	328.6	329.6	0.2	5.5	19.3	66.
26.2	64.3	7018.9	425.0	-14.9	5.8	-36.2	282.7	11.3	11.0	-2.5	329.5	331.1	0.4	14.2	20.1	68.
28.2	67.5	7474.5	400.0	-18.3	-3.3	-39.7	273.6	11.8	11.8	-0.7	331.5	332.3	0.3	13.2	21.3	70.
30.1	70.9	7953.3	375.0	-21.8	-7.0	-43.1	268.6	13.2	13.2	0.3	332.6	333.6	0.2	12.5	22.7	71.
32.2	74.3	8458.2	350.0	-25.2	-12.8	-47.9	269.8	13.3	13.3	0.0	334.7	335.3	0.1	9.9	24.2	72.
34.1	77.9	8991.4	325.0	-29.4	-17.1	-50.9	261.4	15.1	14.9	2.2	336.1	336.5	0.1	10.3	25.8	73.
36.2	81.7	9559.0	300.0	-33.7	-22.7	-53.3	256.2	25.4	24.7	6.1	339.3	339.6	0.1	10.7	28.1	74.
38.5	85.5	10168.6	275.0	-38.9	-22.0	-54.8	256.1	41.8	40.6	10.1	344.7	345.8	0.1	10.9	32.7	76.
41.0	89.7	10827.8	250.0	-43.3	-47.9	99.9	253.1	52.1	49.9	15.2	347.7	349.8	99.9	99.9	40.0	78.
43.5	94.7	11540.0	225.0	-45.1	-59.2	99.9	253.1	50.6	53.8	17.3	349.2	349.8	99.9	99.9	46.4	79.
46.7	98.8	12318.2	200.0	-50.2	-59.9	99.9	247.9	47.7	48.2	18.6	353.3	353.3	99.9	99.9	58.4	73.
49.9	103.4	13176.8	175.0	-56.4	-59.9	99.9	247.9	47.2	43.7	18.1	356.5	356.5	99.9	99.9	67.9	72.
53.4	107.3	14140.1	150.0	-61.4	-59.9	99.9	252.0	46.9	44.2	14.4	360.5	360.5	99.9	99.9	78.1	72.
57.4	113.5	15243.1	125.0	-68.2	-59.9	99.9	253.5	32.6	31.3	9.3	371.4	371.4	99.9	99.9	88.4	72.
62.3	122.3	16508.4	100.0	-65.7	-59.9	99.9	212.6	12.4	6.7	10.4	406.2	406.2	99.9	99.9	93.8	72.
68.3	133.3	14335.3	75.0	-65.5	-59.9	99.9	169.0	9.0	1.3	9.5	459.2	459.2	99.9	99.9	94.3	71.
76.8	139.7	20851.2	50.0	-50.4	-59.9	99.9	116.5	8.2	-7.3	3.6	510.7	510.7	99.9	99.9	93.2	70.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

9 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 353  
 OKLAHOMA CITY, OKLAHOMA

 7 JUNE 1979  
 1400 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEFS PT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT R DEG K	E POT T DEG K	MR RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	10.0	392.0	956.7	25.0	21.1	180.0	8.2	0.0	0.2	302.6	346.4	15.7	79.0	0.0	0.0
0.0	99.0	99.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.2	10.6	454.2	975.0	24.0	22.0	180.5	11.0	1.0	11.7	302.4	350.0	17.9	64.4	0.2	0.0
1.1	12.9	608.6	925.0	22.7	21.6	199.5	15.0	5.3	14.9	302.2	350.2	17.9	93.9	0.9	15.0
1.0	15.0	927.6	900.0	20.3	19.6	210.6	18.1	9.2	15.6	302.4	349.7	16.2	74.2	1.7	19.0
2.9	17.3	1172.0	875.0	21.1	16.4	224.2	21.9	18.2	15.7	305.7	342.0	13.7	94.5	2.0	20.0
3.0	19.5	1425.4	850.0	23.5	12.3	227.1	21.4	15.7	16.6	310.7	340.7	10.7	49.5	4.1	33.0
4.7	21.0	1625.7	825.0	22.1	10.6	226.3	19.6	14.1	13.5	312.6	339.8	9.6	47.9	5.2	36.0
5.7	24.2	1952.2	800.0	19.9	9.1	221.7	19.1	12.7	14.2	312.3	338.4	9.1	45.0	6.2	38.0
6.6	26.5	2225.2	775.0	17.6	7.7	226.9	19.2	14.0	13.1	312.6	337.3	8.6	52.2	7.3	38.0
7.6	28.9	2564.7	750.0	15.9	7.0	231.4	17.8	13.9	11.1	313.9	336.1	7.4	55.2	8.4	40.0
8.6	31.3	2791.9	725.0	15.3	5.4	235.4	14.0	11.5	8.6	316.1	335.7	7.0	58.6	9.3	41.0
10.7	33.8	3086.2	700.0	10.7	4.0	238.6	14.2	12.1	7.4	318.3	335.5	7.3	63.3	10.2	43.0
16.7	36.3	3368.5	675.0	6.3	3.0	246.2	13.9	12.7	5.6	318.5	335.9	7.1	6.3	11.1	44.0
11.4	39.0	3659.4	650.0	6.0	-1.1	242.3	11.8	11.4	1.5	315.7	331.9	5.4	60.4	11.7	46.0
12.9	41.4	4019.7	625.0	3.0	-4.7	275.3	9.6	9.6	-0.9	316.6	329.7	4.3	56.4	12.2	48.0
14.0	44.1	4349.5	600.0	0.6	-11.6	271.3	7.5	7.9	-0.2	316.6	329.0	2.6	35.0	12.6	50.0
15.2	45.8	4690.8	575.0	-0.7	-19.0	261.6	7.9	7.9	1.2	319.5	323.7	1.4	21.9	13.1	52.0
16.4	49.6	5046.5	550.0	-3.1	-21.2	263.1	7.9	7.9	0.9	320.4	324.4	1.2	22.0	13.6	53.0
17.6	52.4	5410.7	525.0	-6.2	-24.3	272.2	7.7	7.6	-0.3	320.6	324.3	1.0	22.1	14.1	54.0
19.0	55.3	5791.0	500.0	-9.1	-25.9	270.5	6.7	8.7	-0.1	323.8	326.3	0.9	22.2	14.5	56.0
20.3	58.3	6107.6	475.0	-10.6	-27.5	270.8	9.6	9.4	-0.1	326.6	327.7	0.8	23.5	15.2	57.0
21.0	61.3	6401.3	450.0	-13.4	-30.3	268.2	6.3	7.9	-2.6	328.4	328.8	0.7	22.5	15.8	59.0
23.4	64.4	7034.3	425.0	-16.0	-33.6	268.6	8.1	7.7	-2.6	328.4	330.3	0.5	20.1	16.3	61.0
24.6	67.6	7689.2	400.0	-18.2	-35.5	272.2	9.7	9.7	-0.4	331.2	333.0	0.5	20.2	16.9	63.0
26.4	71.0	7968.2	375.0	-21.4	-38.1	255.7	10.7	10.4	2.7	332.3	334.7	0.4	20.4	17.7	64.0
28.0	74.4	8623.7	350.0	-24.0	-41.0	239.6	19.8	13.6	8.0	335.1	336.2	0.3	20.6	19.0	64.0
29.0	79.0	9007.4	325.0	-29.5	-43.0	240.7	19.7	17.2	9.6	338.6	336.9	0.2	23.3	21.0	63.0
31.8	81.9	9575.5	300.0	-32.8	-46.8	253.1	28.3	27.1	8.2	340.2	341.0	0.2	21.2	23.7	64.0
34.0	85.8	10188.6	275.0	-35.5	-49.0	259.6	40.2	39.5	7.3	343.8	344.3	0.1	21.3	27.8	66.0
36.5	90.0	10843.6	250.0	-40.1	-59.9	257.7	47.0	46.7	18.2	346.5	349.9	0.9	21.3	34.6	69.0
39.0	94.5	11553.6	225.0	-46.4	-59.9	255.4	48.2	47.0	12.2	347.4	349.9	0.9	21.3	41.8	70.0
41.7	99.2	12328.6	200.0	-50.6	-59.9	248.7	46.2	43.0	16.8	352.6	349.9	0.9	21.3	49.5	70.0
44.8	104.4	13186.3	175.0	-57.7	-59.9	247.2	46.0	42.4	17.9	355.6	349.9	0.9	21.3	58.2	70.0
48.1	110.8	14141.9	150.0	-65.0	-59.9	253.7	43.2	41.4	12.1	358.4	349.9	0.9	21.3	67.5	70.0
51.9	116.0	15243.7	125.0	-66.8	-59.9	257.5	29.4	28.7	8.4	374.4	349.9	0.9	21.3	74.0	71.0
56.6	123.0	16595.8	100.0	-67.0	-59.9	219.6	9.3	5.9	7.2	390.3	349.9	0.9	21.3	79.9	71.0
62.9	131.3	18124.7	75.0	-64.1	-59.9	145.9	9.1	-3.1	7.5	430.2	349.9	0.9	21.3	82.4	70.0
71.2	141.0	20857.9	50.0	-54.0	-59.9	134.0	9.8	-6.9	4.9	510.2	349.9	0.9	21.3	80.0	68.0
86.4	151.5	25306.6	25.0	-47.6	-59.9	93.2	14.1	-14.0	0.8	648.1	349.9	0.9	21.3	72.5	64.0

 \* AT SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG  
 \* AT TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED  
 \* AT SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353  
 OKLAHOMA CITY, OKLAHOMA

 7 JUNE 1979  
 1705 GMT

TIME MIN	CMCT	WEIGHT GPM	PHES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WZ RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	10.6	392.0	937.3	29.4	21.6	180.0	5.3	0.0	9.3	308.4	333.1	17.3	83.0	0.0	0.
99.9	93.9	99.9	1000.0	95.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	93.9	99.9	99.9	95.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.2	11.2	460.4	993.0	28.1	21.5	189.0	17.4	2.7	17.2	305.7	332.3	17.3	87.5	0.5	7.
1.2	11.5	460.9	993.0	25.4	20.9	189.0	16.7	2.0	16.5	305.2	330.9	16.2	72.0	1.2	9.
2.4	15.9	917.9	500.1	23.1	19.9	192.2	12.4	2.6	12.2	305.4	339.9	16.5	92.0	2.3	9.
3.6	18.4	1183.7	893.0	20.6	18.2	201.9	14.2	5.3	13.2	305.2	339.0	16.2	91.2	3.2	11.
4.6	20.4	1435.5	893.0	22.7	-10.3	222.1	17.6	11.8	13.0	309.5	335.2	5.3	27.0	4.1	15.
5.7	23.3	1654.4	893.0	21.4	-10.9	225.5	20.7	14.8	14.5	311.2	324.0	3.2	16.8	5.2	23.
6.8	25.8	1960.1	893.0	20.6	-10.9	225.0	18.2	12.4	13.7	313.2	324.0	3.6	16.9	6.5	27.
7.7	28.2	2232.8	793.0	18.6	-10.4	225.6	15.5	11.1	10.8	313.8	323.8	3.3	19.0	7.6	29.
8.9	30.9	2412.7	793.0	16.6	-10.4	225.7	12.8	10.6	7.2	314.6	323.8	3.2	20.1	8.2	31.
9.7	31.4	2749.6	793.0	14.3	-10.8	231.6	13.3	11.7	6.3	315.1	325.5	3.4	24.3	9.0	36.
11.0	36.1	3354.6	793.0	12.0	-10.8	231.7	13.7	12.2	6.2	315.6	325.5	3.5	28.0	9.8	36.
12.2	38.8	3357.5	693.0	6.2	-10.8	233.7	13.2	12.1	6.0	315.6	329.6	4.6	43.1	10.7	39.
13.7	41.6	3708.9	693.0	6.2	-10.2	232.4	12.5	12.0	6.3	316.0	332.2	5.4	59.1	11.8	41.
15.1	44.3	4226.2	693.0	3.6	-10.5	233.1	12.4	11.1	5.6	316.6	331.9	5.1	66.3	12.8	43.
16.5	47.1	4359.9	693.0	1.6	-10.7	231.0	8.7	6.2	4.8	317.5	331.6	4.5	83.0	13.8	45.
18.3	51.1	4701.4	593.0	-1.2	-10.9	230.6	5.9	5.6	2.0	318.6	326.4	2.5	41.5	14.4	48.
19.9	53.1	5054.6	593.0	-2.7	-11.5	231.9	6.4	5.8	2.8	320.5	321.2	0.1	1.0	14.8	47.
21.3	56.2	5622.3	525.0	-4.4	-10.7	231.0	6.6	7.6	3.0	323.2	323.4	0.1	1.0	15.5	47.
22.7	58.4	5935.1	500.0	-6.1	-10.2	237.7	6.9	6.8	1.5	325.6	325.6	0.0	1.0	16.1	48.
24.3	62.5	6234.4	493.0	-8.7	-10.6	232.0	5.8	9.5	1.8	327.2	327.3	0.0	1.0	16.6	49.
25.9	65.9	6621.2	493.0	-11.9	-10.2	231.8	4.7	4.5	1.5	328.4	328.9	0.0	1.0	17.1	50.
27.9	69.3	7056.9	493.0	-14.8	-10.3	232.3	5.4	5.5	0.7	330.0	330.1	0.0	1.0	17.5	51.
29.3	72.7	7512.6	400.3	-18.3	-10.6	231.2	7.3	6.9	2.3	331.2	331.3	0.0	1.0	18.3	52.
31.9	76.4	7991.1	375.0	-21.9	-10.9	233.4	9.2	8.8	2.6	332.6	332.7	0.0	1.0	19.1	53.
33.8	81.2	8455.4	350.0	-25.5	-10.2	232.4	12.2	12.1	1.6	334.4	334.5	0.0	1.0	20.2	54.
35.5	84.2	9330.3	325.0	-29.1	-10.8	238.7	15.7	15.4	3.1	337.5	338.0	0.0	1.0	21.4	56.
37.3	88.3	9599.6	300.0	-32.1	-10.6	237.5	24.5	22.7	9.4	340.1	340.1	0.0	1.0	23.4	57.
39.6	92.7	10210.4	275.0	-35.4	-10.8	239.1	36.3	33.9	12.9	343.5	343.9	0.0	1.0	27.4	59.
42.4	97.2	10866.9	250.0	-40.2	-10.9	233.2	47.3	45.3	13.7	346.4	346.4	99.9	99.9	34.6	61.
46.9	102.2	11595.7	225.0	-45.4	99.9	231.3	47.6	45.1	15.2	346.5	346.5	99.9	99.9	41.9	63.
47.6	103.4	12354.1	200.0	-51.6	99.9	235.7	46.4	42.3	19.1	351.1	351.1	99.9	99.9	49.5	64.
51.3	110.3	13211.3	175.0	-57.9	99.9	244.6	47.4	43.9	20.4	353.1	353.1	99.9	99.9	59.8	64.
56.8	120.5	14170.9	150.0	-64.1	99.9	252.8	41.8	38.9	12.4	353.6	353.6	99.9	99.9	69.1	65.
59.1	130.3	15276.9	125.0	-67.8	99.9	257.3	25.6	25.0	8.6	356.4	356.4	99.9	99.9	78.2	66.
64.1	136.1	16523.1	100.0	-67.8	99.9	257.3	11.1	5.1	9.4	356.7	356.7	99.9	99.9	82.9	66.
69.8	143.0	18356.4	75.0	-63.4	99.9	178.5	11.7	-0.3	11.7	440.6	440.6	99.9	99.9	85.5	67.
74.4	153.0	20776.5	50.0	-57.9	99.9	130.9	8.0	-4.8	5.2	507.1	507.1	99.9	99.9	84.2	63.
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

 \* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 323  
OKLAHOMA CITY, OKLAHOMA  
7 JUNE 1979  
2005 GMT

TIME MIN	CNCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG M	E POT 1 DEG M	HX RTO CH/KG	RH PCT	RANGE KM	AZ DEG
0.0	9.0	392.0	937.3	31.1	21.3	173.0	2.0	-1.3	0.7	308.1	354.2	16.9	84.0	0.0	0.0
00.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.1	13.0	488.7	920.0	29.0	21.4	160.1	14.0	1.0	14.7	304.7	353.3	17.2	61.6	0.1	3.0
1.3	12.2	498.0	923.0	27.0	21.4	187.1	12.5	1.9	15.3	307.8	353.3	17.5	69.1	1.1	6.0
2.3	19.5	941.6	900.0	25.3	20.3	188.8	16.3	2.5	16.1	307.7	353.3	17.0	73.9	2.1	7.0
3.3	18.0	1189.4	875.0	23.0	20.3	191.2	18.3	3.2	16.0	307.7	353.3	17.5	85.1	3.1	8.0
4.3	19.1	1442.4	850.0	20.9	17.6	200.6	19.7	5.8	14.7	308.1	349.6	15.2	81.6	4.1	9.0
5.5	21.4	1701.5	825.0	21.4	11.4	212.2	17.3	9.2	14.6	311.2	349.6	10.4	53.3	5.2	13.0
6.8	23.8	1968.5	800.0	21.2	7.2	218.6	15.7	9.8	12.3	313.6	336.9	8.0	40.2	6.4	18.0
8.0	28.2	2242.9	775.0	19.5	4.9	229.7	14.0	11.3	9.5	314.2	335.4	7.1	38.3	7.4	22.0
9.0	28.6	2524.2	750.0	17.2	4.2	229.5	15.2	11.6	9.9	315.2	335.3	6.9	42.0	8.2	22.0
10.0	31.1	2812.7	725.0	14.5	3.3	231.2	13.2	10.3	8.3	315.4	335.1	6.7	46.6	9.0	27.0
11.1	31.6	3107.7	700.0	11.0	2.2	230.6	12.2	9.4	7.8	315.2	335.3	6.5	52.6	9.8	29.0
12.1	38.2	3411.2	675.0	10.1	0.4	230.7	10.1	8.0	5.0	317.4	335.3	5.9	50.0	10.4	30.0
13.1	38.8	3724.0	650.0	7.5	-1.5	230.7	8.0	7.5	2.6	317.4	335.3	5.3	51.0	10.8	32.0
14.2	41.3	4035.9	625.0	4.7	-3.7	235.4	5.7	5.7	0.4	317.5	332.0	4.7	54.2	11.1	34.0
15.4	48.1	4377.1	600.0	1.8	-6.0	250.5	5.3	5.2	1.0	318.3	335.7	4.0	65.3	11.4	35.0
16.7	48.8	4718.0	575.0	-1.2	-8.8	256.1	4.7	4.5	1.1	318.4	335.9	4.0	65.7	11.7	36.0
17.2	49.7	5071.4	550.0	-4.0	-20.0	268.1	5.7	5.3	2.1	319.4	325.2	1.5	28.5	12.0	38.0
19.7	52.6	5438.5	525.0	-6.0	-21.4	280.9	5.4	4.7	2.6	322.9	325.6	0.8	16.7	12.5	40.0
21.2	55.5	5920.7	500.0	-7.0	-20.3	285.3	4.2	3.6	1.7	324.5	325.6	0.7	14.9	12.9	40.0
22.8	58.5	6218.6	475.0	-9.0	-20.6	289.7	4.0	3.5	3.0	326.0	325.4	0.7	17.7	13.2	40.0
24.3	61.6	6633.7	450.0	-12.5	-33.5	224.4	6.2	4.4	4.4	327.2	329.3	0.5	15.3	13.7	40.0
27.0	64.9	7067.7	425.0	-19.7	-70.0	233.3	7.1	9.7	4.2	328.2	330.3	0.4	15.5	14.4	41.0
27.0	64.1	7521.4	400.0	-19.1	-37.2	232.4	8.6	8.8	5.2	330.2	331.6	0.4	15.3	15.2	41.0
29.4	71.5	7993.9	375.0	-22.7	-40.1	230.7	12.0	9.3	7.6	331.6	332.7	0.3	15.6	16.2	42.0
31.7	75.0	8502.7	350.0	-24.5	-41.9	232.6	23.0	12.9	14.5	335.2	335.2	0.3	13.7	16.3	43.0
33.0	78.7	9041.2	325.0	-26.3	-44.3	230.8	33.0	28.8	16.1	340.2	341.4	0.2	16.4	22.1	45.0
36.1	82.5	9614.6	300.0	-30.9	-48.0	230.9	34.6	32.3	12.4	341.2	342.5	0.2	16.7	26.4	45.0
38.4	88.5	10224.6	275.0	-36.5	-51.7	250.0	37.7	35.9	12.8	342.2	342.8	0.1	18.0	31.1	52.0
41.2	91.0	10878.5	250.0	-40.6	-59.4	245.2	42.1	38.2	17.6	345.2	345.9	99.9	99.9	37.5	55.0
44.0	95.2	11499.3	225.0	-45.7	-59.9	243.2	40.9	43.6	22.1	348.2	349.9	99.9	99.9	45.3	56.0
47.2	100.0	12181.7	200.0	-52.7	-59.9	246.8	43.4	39.8	17.1	349.4	349.9	99.9	99.9	54.2	58.0
50.8	105.8	13211.2	175.0	-59.2	-59.9	251.4	45.0	43.5	14.6	352.2	352.9	99.9	99.9	63.3	59.0
54.5	110.4	14165.1	150.0	-64.6	-59.9	253.2	28.0	27.3	8.2	359.2	359.9	99.9	99.9	71.7	61.0
58.7	117.0	15271.6	125.0	-69.1	-59.9	251.3	26.8	25.4	0.4	369.2	369.9	99.9	99.9	79.6	61.0
63.5	125.0	16406.3	100.0	-81.9	-59.9	256.2	11.8	11.0	0.6	394.2	395.9	99.9	99.9	83.5	62.0
69.9	132.5	18356.2	75.0	-63.7	-59.9	236.1	11.0	9.1	6.1	439.4	439.9	99.9	99.9	86.7	61.0
78.7	143.0	20496.3	50.0	-54.4	-59.9	194.9	4.1	-4.0	1.1	515.3	515.9	99.9	99.9	84.9	59.0
90.9	99.9	99.9	25.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353  
 OKLAHOMA CITY, OKLAHOMA

 7 JUNE 1979  
 2305 GMT

TIME MM	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DBN PT DG C	QIR DG	SPEED M/SEC	U CCMP M/SEC	V COMP M/SEC	POT T DG M	E POT T DG M	WIND CM/KS	RM PCY	RANGE KM	AZ DG
0.0	1.0	32.0	950.0	31.7	23.0	170.0	4.2	-1.1	4.1	308.4	359.8	18.8	60.0	0.0	0.
0.0	0.0	99.0	1000.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	10.5	467.8	950.0	30.8	24.7	169.7	15.4	-2.6	14.1	308.3	345.4	21.2	71.0	0.4	12.
1.2	17.7	706.8	950.0	28.0	22.9	174.3	14.9	-1.5	14.1	307.5	362.6	19.4	74.0	1.0	360.
2.0	14.9	90.4	950.0	25.7	21.4	179.0	14.4	-0.3	14.4	308.0	357.3	18.1	76.0	1.6	359.
2.7	17.1	1198.9	975.0	23.6	21.0	180.9	14.4	1.2	14.4	308.2	357.9	18.2	85.4	2.3	359.
3.6	19.3	1422.6	950.0	21.1	20.6	182.6	13.4	1.5	13.3	308.2	358.0	18.3	96.8	3.0	360.
4.6	21.5	1711.5	927.0	18.6	18.2	155.6	13.0	3.7	13.5	308.2	352.6	16.2	97.3	3.8	2.
5.7	23.8	1976.3	900.0	16.6	3.4	212.4	15.1	6.2	12.7	311.0	330.7	6.9	41.3	4.7	7.
7.0	26.1	2748.6	775.0	16.7	-7.1	224.6	15.2	9.7	9.8	313.5	326.7	4.3	24.3	5.7	13.
8.2	29.4	2529.1	750.0	17.1	-3.2	227.9	12.8	9.5	8.6	315.1	327.3	4.0	24.0	6.5	18.
9.3	31.9	2916.4	725.0	14.7	-5.4	233.1	12.5	10.0	7.5	315.4	326.3	3.5	24.5	7.1	21.
10.3	31.2	3112.2	700.0	12.3	-5.2	235.9	9.3	7.7	5.2	316.1	327.4	3.7	29.0	7.8	24.
11.4	34.7	3415.4	675.0	9.9	-6.4	224.1	6.0	5.6	9.8	316.4	327.6	3.5	31.0	8.3	26.
12.4	39.2	3727.7	650.0	7.8	-6.9	214.4	6.9	3.9	5.7	316.5	327.7	3.5	36.3	9.1	27.
13.5	43.7	3852.7	625.0	4.2	-7.3	213.3	4.8	2.7	4.0	317.3	326.6	3.0	36.6	9.3	27.
14.6	43.3	3779.3	600.0	1.4	-8.6	224.9	2.2	1.7	1.1	317.7	328.0	3.3	47.3	9.3	27.
15.8	46.0	4270.3	575.0	-1.7	-9.5	238.3	3.1	2.7	1.6	318.0	328.6	3.5	58.5	9.5	27.
17.3	48.7	5073.0	550.0	-2.0	-14.9	238.0	5.7	4.6	3.3	320.1	321.8	0.4	6.3	9.7	28.
19.2	51.5	5480.7	525.0	-4.4	-24.8	220.3	6.4	4.1	4.9	323.1	324.5	0.4	7.3	10.2	29.
19.3	54.4	5922.7	500.0	-7.2	-35.4	216.1	5.8	3.4	4.7	324.2	324.5	0.4	8.4	10.6	29.
23.7	57.3	6720.5	475.0	-5.6	-38.3	221.5	5.7	3.9	4.1	326.1	327.2	0.3	7.3	11.0	30.
27.7	63.3	6676.1	450.0	-12.3	-40.8	233.6	8.9	6.5	6.0	327.2	328.7	0.2	7.1	11.6	31.
28.3	68.6	7070.7	425.0	-15.1	-40.6	233.6	12.7	10.2	7.5	329.6	330.6	0.3	9.2	12.4	32.
28.4	69.9	8055.6	400.0	-18.3	-42.0	240.5	15.4	16.9	9.5	331.2	332.1	0.2	10.3	13.7	34.
29.1	73.3	8514.6	375.0	-20.6	-46.1	238.7	27.9	23.9	14.4	334.2	334.9	0.2	6.8	15.6	38.
30.0	76.9	9356.0	325.0	-27.0	-49.1	243.9	33.8	26.2	15.9	336.6	336.2	0.1	7.3	18.5	41.
31.9	80.6	9625.6	300.0	-32.2	-51.9	244.8	35.1	31.7	14.9	339.5	340.1	0.1	10.1	21.9	44.
34.1	84.5	10213.5	275.0	-36.9	-54.9	243.5	38.2	34.2	17.0	341.6	342.1	0.1	12.0	25.7	48.
36.5	89.5	10888.5	250.0	-40.6	-59.9	240.5	41.6	36.2	20.5	345.7	345.9	99.9	13.2	30.3	50.
38.9	92.8	11566.9	225.0	-46.5	-59.9	242.5	41.5	36.8	19.2	347.2	347.9	99.9	59.9	36.0	52.
41.4	97.5	12378.3	200.0	-52.2	-59.9	246.9	42.3	38.9	16.6	350.2	350.9	99.9	99.9	42.1	53.
46.7	102.6	13276.2	175.0	-57.4	-59.9	248.9	35.6	36.9	14.3	352.2	352.9	99.9	99.9	49.2	55.
48.4	104.0	14191.3	150.0	-64.8	-59.9	246.4	29.7	27.2	11.9	358.4	359.9	99.9	99.9	63.6	58.
52.2	114.0	15276.2	125.0	-65.3	-59.9	247.4	25.2	23.3	9.7	358.4	359.9	99.9	99.9	69.8	58.
57.0	121.3	16666.4	100.0	-71.2	-59.9	210.1	18.1	5.1	8.7	390.1	390.9	99.9	99.9	74.7	59.
63.1	129.0	18143.4	75.0	-64.8	-59.9	138.9	6.0	-3.9	4.5	437.0	437.9	99.9	99.9	75.2	58.
72.0	139.0	20975.5	50.0	-54.8	-59.9	106.3	8.2	-7.8	2.3	414.2	414.9	99.9	99.9	75.1	55.
85.6	151.0	25393.4	25.0	-46.8	-59.9	61.1	14.3	-12.5	-6.9	452.2	452.9	99.9	99.9	87.6	53.

 0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353  
ORLANDO CITY, ORLANDO

8 JUNE 1979  
205 GMT

TIME MIN	CNTCT	HEIGHT GPM	WRES WD	TEMP DG C	DRY PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG C	E POT T DG C	WIND GK/SEC	RM PCT	RANGE KM	AZ DG
0-0	10-1	392-0	958-7	27-8	22-3	163-0	5-7	-1-9	5-4	368-4	352-8	18-0	72-0	0-0	0-
0-9	99-9	99-9	1000-0	99-9	99-9	99-9	95-5	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
9-9	99-9	99-9	975-0	55-9	59-9	95-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
0-2	10-8	473-3	550-0	27-5	23-8	163-6	12-8	0-1	12-8	368-2	358-7	20-0	80-4	0-5	340-
1-1	13-1	715-5	925-0	26-4	23-4	173-4	16-4	-0-5	16-8	368-2	358-7	20-0	83-5	1-1	340-
2-0	15-4	925-0	925-0	26-3	22-7	183-9	16-4	0-3	16-6	368-2	358-7	20-0	90-3	2-2	352-
3-0	17-6	1200-4	975-0	22-6	21-4	193-8	16-4	4-4	17-8	368-2	358-7	20-0	93-1	3-2	357-
4-0	19-9	1443-9	850-0	21-9	19-4	208-0	16-7	7-8	17-7	368-2	358-7	20-0	95-6	4-2	3-
5-0	22-7	1713-6	625-0	20-5	15-3	221-6	16-3	10-8	12-2	312-2	347-5	13-4	71-9	5-0	9-
5-9	24-6	1980-1	800-0	20-0	12-3	232-7	14-4	11-4	8-7	312-2	347-5	13-4	61-3	5-8	14-
7-0	27-0	2253-2	775-0	18-4	7-4	225-8	13-2	9-5	9-2	312-2	347-5	13-4	48-6	6-5	19-
8-2	29-4	2538-0	750-0	16-5	5-4	222-2	12-1	8-1	9-0	312-2	347-5	13-4	47-8	7-3	22-
9-3	31-0	2821-6	725-0	14-1	4-0	222-2	11-2	7-5	8-3	312-2	347-5	13-4	50-5	8-1	25-
10-6	34-4	3110-9	700-0	11-6	3-5	226-4	9-0	5-8	5-5	312-2	347-5	13-4	45-3	8-7	25-
11-6	36-9	3420-3	675-0	9-6	-1-8	240-1	4-6	4-0	2-3	316-4	331-3	5-0	46-9	9-1	27-
12-4	39-5	3732-5	650-0	7-1	-4-1	224-5	2-0	1-4	1-4	317-0	330-1	4-4	44-8	9-3	27-
13-9	42-1	4033-4	625-0	4-6	-4-2	204-1	2-3	0-9	2-1	317-7	331-3	4-5	53-0	9-4	27-
15-1	44-8	4348-3	600-0	1-0	-9-6	203-2	3-2	1-3	2-9	317-2	327-5	3-3	48-8	9-6	27-
16-5	47-6	4724-6	575-0	-2-1	-12-0	227-5	3-4	2-5	2-3	317-6	325-9	2-7	46-5	9-8	27-
18-0	53-1	5078-9	550-0	-3-4	-17-2	234-3	5-6	4-3	3-2	320-1	325-6	1-8	32-7	10-2	28-
19-4	53-2	5463-0	525-0	-4-1	-22-0	215-7	6-5	5-8	5-3	321-1	325-2	1-2	27-0	10-7	29-
20-4	59-1	6222-7	475-0	-7-8	-24-0	198-1	5-8	1-8	5-5	323-2	327-2	1-1	25-7	11-2	29-
22-4	62-1	6636-1	450-0	-12-2	-27-8	237-7	16-0	11-6	7-5	328-0	328-4	0-9	25-8	12-8	30-
23-9	65-4	7071-4	425-0	-14-4	-33-2	242-5	28-2	20-1	6-2	330-2	332-9	0-7	23-2	14-4	35-
27-9	69-6	7526-7	400-0	-16-3	-35-2	242-5	28-2	22-0	13-8	332-8	335-8	0-6	21-6	16-9	41-
29-9	72-0	8011-3	375-0	-19-3	-35-7	218-6	31-4	26-8	18-4	336-6	337-6	0-5	21-7	20-5	44-
31-9	75-4	8520-9	350-0	-27-2	-39-9	237-7	32-6	27-6	17-4	337-2	338-9	0-4	21-9	24	46-
34-1	73-1	9058-3	325-0	-28-0	-42-0	235-9	32-8	27-1	18-4	338-2	339-2	0-3	24-4	28	48-
36-6	82-9	9672-3	300-0	-32-9	-45-6	239-5	31-1	26-8	15-8	339-1	339-9	0-2	26-5	31-	49-
39-2	86-8	10235-9	275-0	-35-8	-47-4	236-9	37-7	31-6	20-6	343-2	344-0	0-2	29-1	34-	50-
41-9	91-0	10490-4	250-0	-41-2	-49-9	233-4	37-8	30-4	22-6	346-6	349-9	99-9	559-9	44-4	51-
43-9	95-4	11597-6	225-0	-46-8	-59-9	240-6	34-6	30-2	17-0	348-6	349-9	99-9	559-9	50-9	52-
44-4	102-0	12167-2	200-0	-52-4	-69-9	236-1	37-0	30-7	20-6	349-7	349-9	99-9	559-9	54-1	53-
47-1	105-2	13219-9	175-0	-57-3	-59-9	241-4	35-7	31-1	16-9	355-2	359-9	99-9	559-9	60-9	53-
53-8	113-8	14174-9	150-0	-65-6	-59-9	242-1	25-9	22-9	12-1	357-1	359-9	99-9	559-9	73-3	54-
60-2	116-8	15265-1	125-0	-70-0	-59-9	235-6	16-4	13-5	9-3	368-2	369-9	99-9	559-9	82-3	54-
65-7	121-8	16587-4	100-0	-72-6	-59-9	193-3	9-6	2-1	0-8	387-4	389-9	99-9	559-9	93-7	53-
71-0	127-0	18104-1	75-0	-65-8	-59-9	135-5	7-6	-5-3	0-4	434-5	434-5	99-9	559-9	99-9	51-
81-0	147-0	23407-5	50-0	-56-4	-59-9	106-7	9-0	-8-6	2-6	500-0	500-0	99-9	559-9	99-9	47-
93-4	156-0	25285-5	25-0	-50-4	-59-9	90-4	12-5	-12-5	0-1	639-7	639-7	99-9	559-9	99-9	47-

6 HY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
6 HY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED  
80 HY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG

STATION NO. 323  
ORLANDO CITY, FLORIDA

8 JUNE 1979  
055 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MR RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	9.7	392.0	980.4	27.6	21.7	170.0	5.7	-1.0	5.6	302.2	348.2	17.3	79.0	0.8	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	10.6	480.5	980.0	25.6	21.6	171.9	17.0	-0.6	16.9	303.2	355.5	19.7	89.6	0.4	357.
1.3	12.8	724.2	955.0	24.7	22.9	165.0	23.4	2.0	23.5	304.4	356.5	19.4	89.8	1.3	359.
2.3	14.9	965.7	900.0	24.2	22.7	169.9	26.4	6.8	25.5	306.5	358.4	18.5	85.2	2.8	5.
3.4	7.7	1212.8	875.0	22.6	19.6	205.5	23.2	8.9	21.5	307.5	352.6	16.7	82.9	4.5	11.
4.4	10.5	1466.4	850.0	22.4	17.8	212.9	18.1	9.3	15.5	309.4	351.9	15.3	75.3	5.7	14.
5.5	21.7	1726.9	825.0	22.1	16.7	222.9	14.2	9.3	10.7	311.5	348.1	12.9	63.0	6.6	17.
6.6	24.1	1994.2	805.0	20.2	13.4	227.3	12.6	9.3	8.6	312.4	347.1	12.3	65.3	7.5	20.
7.7	26.5	2264.1	775.0	18.5	10.5	238.4	10.9	6.9	6.4	313.7	343.3	10.4	59.9	8.1	23.
8.9	28.4	2544.7	750.0	16.4	8.6	253.1	10.9	7.5	8.0	314.4	338.2	6.2	52.5	8.8	26.
10.3	31.2	2836.6	725.0	14.3	5.7	219.9	10.2	6.6	8.1	315.2	335.5	6.9	48.8	9.5	27.
11.2	33.6	3132.4	700.0	12.3	2.3	210.1	9.3	5.5	7.5	316.1	335.2	6.5	50.4	10.2	27.
12.3	36.1	3436.1	675.0	5.6	-0.0	208.4	6.9	2.9	5.7	316.5	333.3	5.7	51.1	10.8	29.
13.4	38.7	3749.3	650.0	7.0	-1.0	207.9	4.5	2.1	4.0	316.5	333.3	5.5	56.8	11.1	28.
14.4	41.3	4069.5	625.0	4.0	-2.7	222.2	2.7	1.8	2.0	317.5	332.1	5.0	61.6	11.4	29.
16.3	43.9	4394.6	600.0	0.6	-4.1	235.5	3.0	2.4	1.7	317.6	331.1	4.7	70.8	11.6	29.
17.7	46.7	4743.0	575.0	-1.8	-11.1	227.0	5.6	4.1	3.6	317.5	327.4	3.1	52.9	11.8	29.
19.7	49.4	5091.3	550.0	-3.3	-14.3	227.4	6.4	5.6	6.2	320.2	325.5	1.6	30.3	12.4	29.
20.2	52.2	5460.0	525.0	-4.6	-17.4	228.6	10.0	6.5	7.6	323.6	327.7	1.4	27.7	13.2	30.
21.7	55.1	5843.0	500.0	-6.4	-21.1	230.6	10.5	8.2	6.7	325.2	329.2	1.2	25.1	14.1	31.
23.2	58.1	6243.2	475.0	-7.1	-25.0	237.1	13.5	11.4	7.4	329.2	332.9	1.0	22.1	15.1	31.
24.7	61.2	6642.1	450.0	-10.9	-21.5	243.5	14.8	1.2	6.6	329.2	334.7	1.5	41.0	16.3	35.
26.4	64.4	7059.5	425.0	-17.9	-31.9	243.9	20.1	18.1	8.8	332.4	336.6	0.6	18.6	17.8	37.
28.4	67.6	7559.2	400.0	-15.6	-34.0	235.0	25.6	23.9	14.7	334.7	336.6	0.5	18.6	20.2	41.
30.1	70.9	8043.4	375.0	-16.4	-36.5	228.6	25.7	19.3	17.0	336.4	338.4	0.4	19.1	21.0	42.
32.1	74.4	8522.9	350.0	-23.5	-39.6	228.0	26.0	19.0	17.7	337.1	338.4	0.3	21.0	22.1	42.
34.1	78.0	9009.5	325.0	-27.2	-43.5	228.1	26.4	19.2	18.4	337.4	338.7	0.2	21.2	29.2	43.
36.4	81.8	9480.1	300.0	-27.1	-37.4	227.2	29.6	21.7	20.1	340.2	342.6	0.5	59.4	31.3	43.
38.4	85.8	10262.8	275.0	-31.5	-42.1	226.7	29.7	21.6	20.4	342.4	343.7	0.3	54.8	37.3	44.
41.6	93.0	10922.5	250.0	-41.7	-54.9	231.4	29.8	23.9	17.8	344.1	999.9	99.9	555.9	42.1	44.
44.4	94.4	11477.9	225.0	-47.8	90.9	230.8	31.4	24.2	17.2	345.3	999.9	99.9	999.9	47.3	46.
47.9	99.2	12159.4	200.0	-53.6	59.9	231.2	31.1	24.3	19.5	348.5	999.9	99.9	999.9	53.8	47.
52.0	104.6	13247.2	175.0	-57.7	59.9	238.9	24.2	20.7	12.5	354.7	999.9	99.9	999.9	60.7	47.
55.1	113.0	14200.9	150.0	-65.7	59.9	238.5	22.9	15.7	10.6	356.5	999.9	99.9	999.9	68.1	48.
60.3	116.1	15297.8	125.0	-70.8	59.9	228.7	20.4	14.6	11.3	362.7	999.9	99.9	999.9	72.3	47.
65.2	123.3	16602.3	100.0	-73.4	59.0	198.1	11.5	3.7	10.2	365.6	999.9	99.9	999.9	76.8	47.
71.7	131.7	18331.1	75.0	-64.7	59.9	142.6	7.7	-4.7	6.1	437.4	999.9	99.9	999.9	80.0	45.
81.3	142.3	20527.9	50.0	-54.3	59.9	115.9	8.7	-7.8	3.8	510.5	999.9	99.9	999.9	76.2	44.
96.5	153.5	25357.6	25.0	-48.3	59.9	78.4	13.4	-13.2	-2.5	646.1	999.9	99.9	999.9	70.5	39.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STAT NO. 353  
 OKLAHOMA CITY, OKLAHOMA

 8 JUNE 1979  
 805 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DC C	DEB PT DC C	DIR DG	SPEED K/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.3	392.0	960.7	22.0	22.9	170.0	4.6	-0.8	4.5	301.6	350.8	18.6	88.0	0.0	0.0
0.0	99.9	99.9	1000.0	55.9	52.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.3	99.9	99.9	575.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.3	11.3	491.1	550.0	25.1	24.1	180.0	16.2	1.7	16.1	302.7	356.2	20.3	94.0	0.5	3.0
1.2	13.5	726.3	525.0	23.8	21.2	193.9	18.5	4.6	17.9	303.7	358.1	19.7	90.3	1.2	6.0
2.2	15.9	966.5	900.0	22.1	21.4	208.6	23.7	9.9	21.5	304.2	358.8	18.2	96.0	2.3	13.0
3.0	18.3	1212.0	875.0	21.8	20.5	217.7	25.7	15.7	20.3	306.4	358.3	17.7	92.7	3.6	20.0
4.0	20.7	1465.6	850.0	22.0	17.9	222.0	20.6	13.8	15.3	309.2	351.6	15.4	77.7	5.0	26.0
5.1	23.2	1725.9	825.0	21.7	15.6	218.7	15.0	9.4	11.7	311.4	349.9	13.7	68.4	6.1	29.0
6.2	25.7	1992.9	800.0	20.6	9.5	212.0	12.4	6.7	10.6	313.1	340.0	9.4	45.1	6.9	31.0
7.3	24.2	2266.7	775.0	18.7	8.6	223.5	11.3	7.3	8.6	313.5	340.1	9.1	51.7	7.7	30.0
8.3	33.7	2587.4	750.0	16.7	8.3	233.1	8.7	6.9	5.2	314.7	338.0	8.0	58.3	8.3	31.0
9.4	31.3	2835.5	725.0	14.1	6.4	229.0	8.5	6.4	5.6	315.2	338.1	8.4	53.5	8.4	31.0
10.6	36.0	3130.7	700.0	11.7	0.7	223.1	8.1	5.7	5.7	316.2	332.6	5.8	46.8	9.3	30.0
11.7	35.7	3434.2	675.0	5.4	-1.2	217.9	7.0	4.3	5.5	316.2	331.7	5.2	47.5	9.9	30.0
12.9	41.4	3746.2	650.0	7.2	-2.9	207.2	6.4	2.9	5.7	317.1	331.5	4.8	48.4	10.3	30.0
14.1	44.1	4067.4	625.0	4.2	-4.2	205.9	5.2	2.2	4.7	317.2	330.9	4.5	51.2	10.8	30.0
15.5	47.0	4397.9	600.0	1.1	-5.2	203.4	3.7	1.6	3.3	317.4	330.5	4.3	62.8	11.1	33.0
16.9	49.9	4738.5	575.0	-2.0	-6.2	211.1	5.0	2.6	4.2	317.6	328.7	3.6	62.6	11.4	33.0
18.0	52.9	5071.4	550.0	-3.5	-20.1	219.7	6.9	4.4	5.3	319.5	328.5	1.4	26.2	11.4	33.0
19.3	56.0	5458.0	525.0	-5.2	-30.7	228.7	10.4	7.0	7.6	322.2	328.2	0.6	17.6	12.5	30.0
20.6	59.0	5839.5	500.0	-7.7	-21.1	228.6	11.9	7.7	9.0	323.4	328.2	0.7	17.6	13.4	30.0
22.0	62.3	6238.0	475.0	-8.8	-41.2	222.5	15.1	10.2	11.1	327.1	328.1	0.3	6.6	14.5	35.0
23.6	65.5	6655.7	450.0	-10.8	-53.3	221.1	17.6	12.9	12.0	329.7	330.0	0.1	1.6	16.1	36.0
25.4	64.9	7022.7	425.0	-12.7	-50.4	243.5	19.5	16.9	9.6	332.7	333.0	0.1	2.8	17.9	30.0
27.5	71.4	7453.2	400.0	-15.0	-43.2	231.9	22.3	17.5	13.7	335.4	336.4	0.2	7.6	23.4	41.0
29.2	76.0	8339.1	375.0	-17.9	-41.0	220.5	20.8	13.5	15.8	338.4	338.8	0.3	11.1	22.6	41.0
31.1	79.8	8553.2	350.0	-22.9	-26.0	219.7	25.4	16.2	19.8	337.6	338.8	0.5	28.9	25.1	41.0
33.1	81.7	9390.0	325.0	-26.6	-35.2	221.4	28.4	18.8	21.3	340.4	342.2	0.6	43.9	28.5	41.0
35.5	87.8	9663.5	300.0	-30.8	-41.0	221.0	28.3	18.5	21.3	342.4	343.4	0.3	35.7	32.5	41.0
37.7	92.2	10777.9	275.0	-35.5	-47.9	221.9	28.5	19.0	21.2	343.8	348.5	0.2	26.5	36.2	41.0
40.1	96.7	10930.0	250.0	-41.5	-57.9	225.1	29.2	20.7	20.6	344.4	349.6	99.9	99.9	40.5	41.0
43.2	101.6	11635.8	225.0	-47.0	-59.9	228.5	29.8	21.8	20.5	346.2	349.9	99.9	99.9	46.0	42.0
46.7	106.8	12404.1	200.0	-53.6	-59.9	231.9	29.6	18.3	16.3	347.9	349.9	99.9	99.9	52.4	42.0
49.9	112.5	13259.2	175.0	-52.5	-59.9	239.0	23.9	18.6	15.1	356.7	349.9	99.9	99.9	57.6	43.0
53.3	119.8	14216.5	150.0	-55.4	-59.9	221.3	23.6	15.6	17.8	357.4	349.9	99.9	99.9	62.3	40.0
57.5	123.7	15308.2	125.0	-55.5	-59.9	235.5	25.9	20.5	15.7	369.1	349.9	99.9	99.9	69.1	40.0
61.9	131.7	16414.4	100.0	-52.3	-59.9	216.0	17.5	9.8	14.5	380.2	349.9	99.9	99.9	72.6	40.0
67.9	142.5	18113.1	75.0	-52.6	-59.9	132.1	8.8	-8.3	5.7	441.2	349.9	99.9	99.9	77.1	43.0
76.2	152.3	20449.9	50.0	-52.2	-59.9	99.7	9.3	-9.2	1.1	506.5	349.9	99.9	99.9	74.8	41.0
90.0	162.3	25225.0	25.0	-48.8	-59.9	81.4	12.4	-12.3	-1.9	644.5	349.9	99.9	99.9	69.4	30.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 393  
OKLAHOMA CITY, OKLAHOMA

8 JUNE 1979  
1105 GMT

159 12-0

TIME MIN	CHTCY	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIA DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RM PCT	RANGE KM	12-0
0.0	9.9	392.0	982.1	25.0	22.3	170.0	6.2	-1.1	6.1	301.2	308.9	17.9	63.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	11.1	503.2	925.0	23.2	22.9	99.9	99.9	99.9	99.9	300.7	300.5	18.9	68.4	99.9	99.9
1.1	13.4	737.2	925.0	22.6	22.9	99.9	99.9	99.9	99.9	302.4	351.9	18.7	98.3	99.9	99.9
1.9	15.6	976.4	500.0	21.2	22.9	99.9	99.9	99.9	99.9	303.4	350.4	17.6	98.2	2.2	22.
2.4	15.2	121.2	875.0	21.9	17.5	227.8	19.1	11.1	12.8	306.2	346.2	14.6	76.6	3.1	31.
3.6	23.6	1475.1	850.0	22.9	13.5	222.9	16.5	11.2	12.0	310.1	342.4	11.5	55.4	4.0	34.
4.4	23.1	1734.6	825.0	20.6	13.8	218.1	16.3	10.0	12.8	310.4	348.3	12.2	65.0	4.6	35.
5.1	23.5	2600.3	800.0	18.4	13.0	213.0	16.4	8.9	13.8	310.7	348.2	12.7	75.9	5.5	35.
5.9	23.1	2272.2	775.0	16.0	9.4	207.5	12.6	6.7	12.9	311.7	337.2	9.0	58.1	6.3	34.
6.9	33.7	2551.0	750.0	14.7	5.2	204.7	12.6	5.3	11.5	312.6	334.0	7.4	52.8	7.0	34.
7.7	31.3	2437.3	725.0	12.8	5.5	211.9	10.4	5.5	8.8	313.2	336.2	7.8	60.8	7.7	33.
9.1	36.0	3131.3	700.0	10.4	4.7	223.4	8.0	5.5	5.8	314.4	336.8	7.7	65.0	6.1	33.
10.1	31.8	3433.9	675.0	8.1	3.7	225.7	6.5	6.1	5.9	314.7	336.4	7.4	73.5	6.8	34.
11.3	41.4	3744.9	650.0	6.2	-3.1	221.1	7.3	4.8	5.5	315.5	330.0	4.7	51.3	9.4	35.
12.6	45.3	4264.7	625.0	3.2	-8.7	212.0	6.7	3.5	5.6	316.1	329.1	4.3	58.2	9.9	35.
14.0	47.2	4353.9	600.0	0.1	-7.2	212.8	6.4	4.6	7.1	316.2	327.7	3.8	58.0	10.5	34.
15.4	50.1	4733.9	575.0	-1.1	-14.9	237.2	6.5	5.4	3.5	318.7	323.5	1.5	24.7	11.3	35.
16.8	51.1	5087.0	550.0	-3.4	-19.2	236.1	6.2	5.5	3.6	320.1	325.0	1.5	28.1	11.6	36.
18.2	56.3	5453.2	525.0	-5.9	-21.0	218.8	10.4	6.5	6.1	321.2	325.6	1.3	27.5	12.3	36.
19.6	58.4	5634.2	500.0	-7.2	-34.1	226.5	14.2	10.3	9.7	324.2	325.8	0.4	9.6	1.3	37.
21.1	62.6	6233.0	475.0	-8.2	-38.1	222.8	17.1	11.6	12.6	327.2	328.8	0.3	6.4	1.8	38.
22.6	65.0	6650.4	450.0	-11.2	-41.3	221.7	16.2	10.8	12.1	329.2	330.1	0.2	6.1	16.5	38.
24.6	69.4	7087.8	425.0	-13.2	-41.9	229.9	16.5	12.6	10.6	332.1	332.9	0.2	6.9	18.2	39.
26.1	71.0	7546.4	400.0	-15.9	-24.2	226.5	17.9	13.0	12.9	333.1	337.7	1.3	32.6	19.9	40.
28.0	74.7	8028.2	375.0	-20.6	-25.4	224.2	19.6	13.7	14.1	334.2	338.7	1.3	65.1	21.8	40.
29.7	78.6	8355.3	350.0	-23.9	-30.7	223.9	23.7	14.5	17.1	336.2	338.6	0.8	51.5	23.9	40.
31.5	83.5	9074.0	325.0	-26.8	-33.2	223.0	26.1	17.4	19.4	339.2	342.4	0.7	54.1	26.9	41.
33.8	89.7	9646.9	300.0	-31.2	-39.3	213.0	29.1	13.7	21.1	341.4	342.9	0.4	44.3	30.4	40.
35.2	91.2	10258.2	275.0	-36.1	-44.2	213.1	23.0	12.6	19.3	342.9	344.0	0.3	42.7	33.8	39.
36.6	91.8	10912.8	250.0	-41.0	-50.9	215.0	25.4	14.6	20.8	345.1	349.4	99.9	99.9	36.9	39.
40.9	102.6	11619.6	225.0	-47.1	-57.9	223.3	29.1	20.0	21.2	346.4	349.4	99.9	99.9	40.9	39.
43.8	108.0	12388.8	200.0	-52.7	-59.9	229.2	33.0	25.0	21.6	349.4	349.4	99.9	99.9	45.9	40.
46.8	113.8	13242.2	175.0	-57.7	-59.9	225.0	29.6	20.9	20.1	354.2	349.4	99.9	99.9	52.0	41.
50.1	120.0	14200.2	150.0	-64.8	-59.9	220.1	21.7	8.2	20.1	358.4	349.4	99.9	99.9	56.9	40.
54.7	127.0	15295.6	125.0	-65.8	-59.9	223.4	19.2	13.2	14.0	368.7	349.4	99.9	99.9	62.7	39.
59.4	135.0	16604.4	100.0	-75.2	-59.9	189.5	11.7	1.9	11.5	382.2	349.4	99.9	99.9	66.9	39.
65.4	143.7	18332.3	75.0	-62.7	-59.9	125.7	8.3	-6.7	4.8	439.2	349.4	99.9	99.9	68.8	39.
73.3	153.3	20838.6	50.0	-57.8	-59.9	117.0	9.6	-8.5	4.3	507.3	349.4	99.9	99.9	88.2	35.
85.7	163.3	25332.9	25.0	-44.9	-59.9	99.9	99.9	99.9	99.9	644.2	349.4	99.9	99.9	88.6	29.

\* MY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* MY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

\*\* MY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 343  
AMARILLO, TEXAS

7 JUNE 1979  
1100 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U CCNP M/SEC	V CCNP M/SEC	POT 1 DEG N	2 POT 7 DEG N	ME RTO GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	17.2	1094.0	877.3	17.2	12.3	229.0	6.2	4.0	4.7	381.4	329.4	10.3	73.0	0.0	0.
99.9	99.9	1000.0	877.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	17.4	1116.6	875.0	17.8	12.7	224.4	12.6	6.8	9.0	322.2	331.2	10.7	72.2	0.0	9.
1.0	19.7	1367.7	852.0	22.5	11.6	249.3	22.8	21.4	8.1	310.6	337.5	10.2	47.6	1.0	55.
2.1	22.0	1629.8	825.0	25.6	5.3	268.2	16.0	16.0	0.5	315.6	337.0	7.3	29.2	2.1	70.
3.1	24.4	1898.8	800.0	24.0	3.8	263.6	12.4	12.4	1.3	316.7	335.8	6.3	27.0	2.9	75.
4.1	26.7	2176.2	775.0	22.2	1.4	261.1	5.6	9.7	1.5	317.7	336.1	5.5	25.2	3.6	76.
5.2	29.1	2459.9	750.0	20.1	-0.5	268.5	5.1	9.1	0.6	318.4	333.3	4.9	25.1	4.2	77.
6.2	31.5	2750.7	725.0	17.6	-1.6	271.0	7.9	7.9	-0.1	318.7	333.0	4.7	27.0	4.7	78.
7.4	33.9	3048.8	700.0	14.8	-2.5	267.2	8.8	8.8	0.4	318.5	332.7	4.6	30.1	5.2	80.
8.6	36.4	3354.9	675.0	11.9	-4.2	264.6	8.9	8.9	0.5	318.5	331.7	4.2	32.4	5.9	80.
9.8	38.9	3669.1	650.0	9.2	-4.8	271.6	8.8	8.8	-0.2	319.4	332.0	4.1	36.6	6.5	81.
11.0	41.5	3952.8	625.0	6.4	-6.4	267.5	7.9	7.9	0.3	319.6	331.2	3.8	39.5	7.1	82.
12.5	44.1	4225.9	600.0	3.3	-6.7	252.7	7.0	6.7	2.1	319.5	331.8	3.9	47.6	7.7	82.
13.7	46.9	4509.5	575.0	0.3	-8.9	249.7	6.1	5.8	2.1	323.2	330.9	3.4	50.1	8.2	81.
15.2	49.6	5244.4	550.0	-2.8	-9.7	263.9	4.3	6.2	0.7	320.7	331.2	3.3	59.0	8.7	81.
16.6	52.4	5591.9	525.0	-5.3	-13.0	278.1	6.5	6.5	-0.5	322.1	330.7	2.7	54.6	9.3	81.
18.0	55.3	5773.9	500.0	-6.7	-22.6	259.6	4.4	6.3	1.2	324.6	329.0	1.2	27.0	9.8	82.
19.5	58.3	6172.8	475.0	-9.1	-25.5	262.7	3.7	3.7	0.5	326.6	330.2	1.0	24.7	10.3	82.
21.1	61.3	6589.0	450.0	-11.7	-39.9	319.1	1.7	1.1	-1.3	328.6	329.5	0.3	7.5	10.5	82.
23.0	64.4	7023.5	425.0	-18.5	-40.7	317.3	1.9	1.3	-1.4	329.1	330.0	0.3	5.3	10.6	83.
24.5	67.6	7477.4	400.0	-15.5	-44.3	272.6	2.5	2.5	-0.1	329.7	330.4	0.2	8.9	12.7	83.
26.7	71.0	7953.4	375.0	-12.8	-53.1	278.7	7.2	7.1	-1.1	331.1	333.7	0.6	32.0	11.2	84.
29.7	74.4	8456.7	350.0	-26.1	-37.1	277.1	10.2	10.2	-1.3	333.1	334.9	0.4	28.3	12.3	85.
30.8	78.0	8688.0	325.0	-30.2	-44.2	272.6	10.2	10.2	-0.5	335.0	335.9	0.2	23.8	13.6	86.
33.0	81.7	9453.5	300.0	-34.4	-50.5	256.6	10.4	9.7	2.3	336.6	337.4	0.1	17.4	14.9	86.
35.3	85.5	10156.4	275.0	-38.7	-54.5	238.1	13.0	11.0	6.9	339.2	339.6	0.1	16.7	16.2	86.
37.7	89.9	10807.0	250.0	-41.7	-59.9	238.7	25.1	21.4	13.0	344.0	399.9	95.9	99.9	18.8	81.
40.1	94.9	11513.2	225.0	-46.5	-59.9	249.2	37.8	34.6	15.3	347.2	399.9	99.9	99.9	23.0	77.
43.1	98.7	12267.1	200.0	-51.7	-59.9	247.2	45.9	37.6	15.8	350.4	399.9	80.9	559.9	30.5	75.
46.5	133.8	13143.7	175.0	-56.7	-59.9	243.4	42.2	37.6	18.9	356.2	399.9	99.9	599.9	38.7	73.
49.4	139.3	14107.2	150.0	-62.8	-59.9	248.1	42.9	38.6	18.8	361.5	399.9	59.9	99.9	42.2	71.
53.8	115.3	15221.9	125.0	-64.4	-59.9	242.0	28.9	25.5	13.6	378.4	399.9	99.9	59.9	55.9	70.
58.5	127.3	16373.1	100.0	-65.3	-59.9	242.6	14.3	12.7	6.6	401.6	399.9	99.9	99.9	61.9	70.
63.9	130.3	16317.9	75.0	-64.3	-59.9	165.4	7.5	-1.4	7.4	438.1	399.9	55.9	99.9	64.3	68.
72.0	143.5	20556.6	50.0	-57.4	-59.9	105.6	10.7	-6.4	1.9	508.4	399.9	59.9	99.9	63.4	67.
84.1	152.0	25376.3	25.0	-45.3	-59.9	93.9	10.4	-10.4	0.7	654.1	399.9	55.9	99.9	58.7	63.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 303  
AMARILLO, TEXAS  
7 AUGUST 1978  
1700 GMT

TIME MIN	ENTCT	HEIGHT GFM	PRES MB	TEMP DE C	DEW PT DE C	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MP RTO GK/SEC	RM PCT	RANGE KM	AZ DG
0.0	17.8	1036.0	882.1	23.3	15.6	360.0	5.7	1.9	307.2	342.4	12.8	62.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	19.4	1164.5	875.0	21.4	14.1	363.3	5.9	1.7	306.0	338.1	11.7	63.2	0.2	168.
1.1	20.9	1415.1	850.0	18.5	13.4	345.5	5.6	1.4	305.1	337.8	11.8	73.8	0.4	168.
1.9	23.4	1671.0	825.0	16.3	12.3	351.9	5.1	0.7	305.5	336.2	11.0	77.3	0.7	167.
2.7	25.8	1934.4	800.0	20.8	4.8	336.6	5.4	2.2	313.4	330.7	6.9	36.9	1.0	168.
3.6	28.5	2208.7	775.0	20.4	0.1	316.1	8.0	5.6	315.8	330.7	5.0	25.6	1.3	161.
4.5	31.0	2490.4	750.0	19.2	-1.5	299.1	6.2	7.2	317.5	331.3	4.6	24.5	1.7	154.
5.3	33.6	2780.9	725.0	16.9	-2.0	271.3	8.0	8.0	318.0	331.9	4.6	27.3	2.0	145.
6.3	36.3	3078.6	700.0	14.3	-3.3	250.1	8.5	8.0	318.2	331.4	4.3	29.5	2.2	131.
7.3	39.0	3344.1	675.0	11.9	-4.6	240.7	8.9	7.7	319.0	331.3	4.0	31.2	2.4	122.
8.2	41.7	3648.4	650.0	8.8	-5.2	237.6	9.0	7.6	319.0	331.2	4.0	26.5	2.7	113.
9.2	44.4	4021.3	625.0	5.7	-6.1	236.3	9.2	7.7	319.0	330.9	3.9	42.3	3.0	104.
10.3	47.3	4351.7	600.0	2.4	-6.8	237.5	9.9	8.3	319.1	331.0	2.8	50.0	3.5	96.
11.4	50.2	4696.3	575.0	-0.4	-8.7	237.8	10.0	8.5	319.2	330.2	3.4	53.4	4.0	90.
12.5	53.2	5050.0	550.0	-3.7	-10.4	239.8	8.6	7.0	319.7	329.5	3.2	59.8	4.5	86.
13.7	56.3	5415.5	525.0	-6.9	-15.4	239.5	5.1	7.8	320.1	327.1	2.2	50.8	5.1	87.
14.9	59.4	5795.6	500.0	-7.5	-23.3	242.3	9.9	6.7	323.5	329.7	1.2	26.8	5.8	80.
16.2	62.6	6197.9	475.0	-8.6	-24.0	229.7	8.6	6.6	326.5	329.7	0.8	19.5	6.4	75.
17.5	65.9	6610.0	450.0	-12.3	-26.2	220.6	6.6	5.6	327.6	330.7	0.8	25.0	7.0	74.
18.4	69.3	7044.0	425.0	-16.1	-30.5	222.0	10.3	6.9	326.4	330.9	0.7	27.5	7.6	71.
20.2	72.7	7457.6	400.0	-15.5	-33.7	221.0	10.4	6.8	329.7	331.7	0.5	26.9	8.4	64.
21.5	76.3	7973.7	375.0	-23.1	-39.9	227.0	9.5	7.0	331.0	332.2	0.3	19.7	9.1	60.
23.1	80.1	8475.9	350.0	-24.2	-42.0	229.6	10.4	7.9	333.4	334.4	0.3	20.9	10.0	63.
24.7	84.0	9007.6	325.0	-30.4	-46.8	231.1	11.4	8.9	334.5	335.5	0.2	18.2	11.0	63.
26.4	87.2	9572.4	300.0	-34.0	-51.5	230.9	16.1	11.4	337.5	337.9	0.1	15.0	12.3	62.
28.1	92.4	10187.3	275.0	-35.1	-56.9	235.2	30.4	17.4	344.2	344.7	0.1	11.0	14.8	60.
29.9	97.0	10838.7	250.0	-40.8	-59.9	241.6	37.0	17.6	345.4	345.9	55.9	95.9	18.5	60.
32.0	101.8	11548.5	225.0	-45.6	-59.9	241.6	41.4	35.6	346.7	346.7	99.9	99.9	23.6	61.
34.4	107.0	12324.3	200.0	-45.8	-59.9	237.9	43.2	38.6	353.9	353.9	59.9	95.9	29.6	60.
36.7	112.8	13164.3	175.0	-57.1	-59.9	239.0	45.0	38.6	355.7	355.7	59.9	95.9	35.7	60.
39.4	119.0	14163.0	150.0	-64.4	-59.9	242.2	39.2	34.7	359.1	359.1	59.9	95.9	43.0	61.
42.4	126.0	15250.9	125.0	-65.4	-59.9	245.4	27.3	11.4	376.5	376.5	59.9	95.9	44.8	60.
46.0	136.0	16597.4	100.0	-65.0	-59.9	243.9	15.7	11.4	394.5	394.5	99.9	99.9	52.9	61.
50.4	143.0	18337.4	75.0	-62.9	-59.9	187.6	7.6	7.6	441.0	441.0	59.9	95.9	55.9	59.
56.4	153.5	20862.4	50.0	-56.2	-59.9	124.3	7.5	-5.9	511.0	511.0	59.9	95.9	55.7	50.
67.0	164.3	25393.1	25.0	-47.6	-59.9	99.9	99.9	99.9	648.2	648.2	59.9	99.9	52.8	52.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME MAY BE REFIN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363  
 AMARILLO, TEXAS

 7 JUNE 1979  
 2000 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DB K	E POT 1 DEG K	MR RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	16.9	1094.0	882.9	25.0	17.7	360.0	6.2	0.0	-6.2	309.0	249.3	14.6	64.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	17.6	1173.1	875.0	23.9	17.2	357.8	3.8	0.1	-3.8	308.0	247.9	14.3	60.2	0.1	180.
0.9	20.1	1825.8	850.0	20.5	15.6	356.3	4.2	0.3	-4.2	307.0	246.1	13.3	73.7	0.2	182.
1.6	22.6	1663.7	825.0	18.0	15.5	347.1	4.1	0.9	-4.0	307.0	245.8	13.6	85.3	0.4	179.
2.5	25.1	1988.0	800.0	15.9	15.9	307.9	2.6	2.1	-1.6	312.2	235.6	8.1	44.4	0.6	174.
3.5	27.6	2221.6	775.0	15.7	0.0	291.1	4.6	4.3	-1.7	315.0	229.8	5.0	26.6	0.7	157.
4.7	30.2	2503.1	750.0	16.5	-3.0	263.1	7.2	6.9	-1.9	316.7	229.1	4.1	23.1	1.0	141.
5.8	32.8	2762.6	725.0	16.8	-5.0	253.8	7.4	7.3	1.4	317.5	229.2	3.7	22.0	1.4	126.
6.9	35.4	3090.1	700.0	14.2	-5.0	247.6	9.5	8.8	3.6	318.2	229.8	3.8	26.0	1.8	111.
8.0	38.1	3395.5	675.0	11.8	-6.6	248.7	11.2	10.1	4.8	318.5	229.5	3.5	26.9	2.3	95.
9.2	40.9	3709.5	650.0	9.0	-7.3	242.1	11.7	10.4	5.5	319.2	229.7	3.4	30.6	3.0	89.
10.5	43.7	4032.6	625.0	5.8	-7.3	241.1	11.0	9.6	5.3	319.1	230.0	3.5	36.3	3.8	83.
11.7	46.6	4365.0	600.0	2.7	-8.5	245.2	10.6	9.7	4.5	319.2	229.4	3.3	42.2	4.6	79.
13.3	49.5	4707.6	575.0	-0.4	-10.0	252.8	11.3	10.8	3.3	319.2	229.2	3.1	48.5	5.4	78.
14.4	52.4	5061.6	550.0	-3.2	-10.7	257.9	12.7	12.4	2.6	320.2	229.9	3.1	56.0	6.4	78.
15.7	55.5	5428.1	525.0	-5.7	-17.9	249.2	11.1	10.3	3.9	321.6	227.6	1.9	38.7	7.4	78.
17.1	58.6	5795.8	500.0	-6.4	-30.1	229.6	11.0	8.4	7.1	325.5	227.4	0.6	13.2	8.2	78.
18.6	61.9	6209.0	475.0	-8.9	-33.4	221.9	12.3	8.2	9.1	327.0	229.7	0.5	11.5	9.1	72.
20.2	65.1	6624.9	450.0	-12.3	-36.6	227.9	12.4	9.2	8.3	327.0	229.1	0.4	11.0	10.2	69.
21.8	68.5	7058.9	425.0	-15.6	-43.5	223.0	11.8	8.1	6.7	329.0	230.0	0.3	5.8	11.3	67.
23.4	72.0	7512.9	400.0	-19.2	-36.4	216.7	12.2	7.3	2.8	330.1	231.6	0.4	20.0	12.3	64.
25.1	75.7	7980.8	375.0	-21.9	-45.5	215.1	12.8	7.4	10.5	332.7	233.3	0.2	9.8	13.5	62.
26.9	79.3	8495.2	350.0	-24.6	-49.6	212.9	14.4	8.0	12.4	334.2	234.7	0.1	8.4	14.7	59.
28.7	83.3	9029.0	325.0	-28.9	-50.9	222.2	21.7	14.6	16.1	336.6	237.2	0.1	9.9	16.5	57.
30.5	87.3	9559.9	300.0	-31.0	-54.4	227.9	30.7	22.8	20.6	241.7	242.0	0.1	7.9	19.7	55.
32.9	91.6	10110.3	275.0	-35.7	-59.5	233.9	36.1	28.8	21.7	243.6	243.6	0.0	6.6	24.0	54.
35.1	96.2	10665.2	250.0	-41.2	-59.0	231.9	39.5	31.9	23.2	244.4	244.4	99.9	99.9	29.0	54.
37.5	101.0	11374.5	225.0	-44.9	99.5	231.0	42.7	33.2	26.9	249.0	249.0	99.9	99.9	34.9	54.
40.1	106.2	12151.8	200.0	-50.0	99.5	229.3	47.4	35.9	30.9	252.4	249.9	99.9	99.9	42.0	53.
42.9	111.6	13088.5	175.0	-57.9	99.9	235.5	44.4	36.6	25.1	254.2	249.9	99.9	99.9	49.7	53.
45.9	118.0	14167.4	150.0	-63.7	99.9	238.0	35.9	30.6	18.8	260.4	249.9	99.9	99.9	57.2	54.
49.2	124.7	15281.9	125.0	-66.3	99.9	236.1	24.3	20.2	13.6	274.5	249.9	99.9	99.9	63.0	54.
53.2	132.3	16623.1	100.0	-69.4	99.9	224.5	18.2	12.0	12.0	292.2	249.9	99.9	99.9	67.7	54.
59.3	161.0	18355.3	75.0	-84.3	99.9	233.3	9.7	3.8	8.9	438.2	249.9	99.9	99.9	71.4	53.
65.4	153.5	20887.5	50.0	-86.4	99.9	123.4	7.0	-5.9	3.9	510.0	249.9	99.9	99.9	72.3	51.
77.5	160.3	25317.6	25.0	-86.3	99.9	101.3	11.1	-10.9	2.2	652.0	249.9	99.9	99.9	69.6	47.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LOSS THAN 6 DEG

STATION NO. 363  
AMARILLO, TEXAS  
7 JUNE 1979  
2300 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY T DEG K	E POT T DEG K	MX WTD CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	17.0	1096.0	862.7	27.8	17.3	340.0	2.1	0.7	-2.0	311.9	351.0	14.3	53.0	0.0	0.
99.9	99.9	99.9	1006.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
3.2	17.7	1171.8	875.0	26.5	16.9	348.9	1.5	0.3	-1.5	311.2	350.3	14.0	55.0	0.0	112.
1.1	20.1	1428.7	850.0	23.1	15.0	350.0	0.8	0.1	-0.7	310.4	345.8	12.7	60.2	0.1	165.
2.1	2.4	1687.0	875.0	21.1	14.5	45.2	1.1	-1.0	-0.4	310.5	346.4	12.0	66.3	0.1	193.
2.9	24.8	1953.1	800.0	19.5	10.6	150.5	2.2	-1.1	1.9	311.5	341.0	10.3	57.3	0.1	218.
4.0	27.1	2220.6	775.0	19.2	1.5	220.0	3.5	2.3	2.7	313.4	333.2	5.5	30.7	0.1	341.
5.2	29.5	2507.7	750.0	18.1	-1.7	252.0	4.8	4.6	1.5	316.2	329.8	4.5	26.0	0.3	55.
6.5	32.0	2756.5	725.0	16.0	-3.4	227.6	6.0	4.4	4.0	317.0	329.7	4.1	26.3	0.7	58.
7.7	34.5	3093.4	700.0	13.6	-3.7	231.9	8.7	6.8	5.3	317.6	330.2	4.2	29.8	1.2	52.
8.4	37.0	3399.0	675.0	10.6	-2.9	247.1	10.2	9.4	4.0	317.2	331.3	4.6	38.5	1.9	55.
9.9	39.6	3711.4	650.0	8.3	-5.5	253.3	9.6	9.4	2.8	318.4	330.3	3.9	36.9	2.5	60.
11.2	42.3	4033.7	625.0	5.2	-7.7	255.8	5.4	9.1	2.3	318.4	329.4	3.4	34.8	3.3	63.
12.6	45.0	4365.4	600.0	2.3	-6.1	256.6	10.8	10.5	2.5	318.7	329.4	3.5	46.1	4.0	66.
13.7	47.7	4707.8	575.0	-0.7	-7.8	250.2	12.3	11.5	4.2	319.1	330.5	3.7	58.6	4.8	67.
15.2	50.6	5061.4	550.0	-3.5	-6.3	245.9	12.7	11.6	5.2	320.6	333.3	4.3	80.5	5.9	67.
16.7	53.4	5428.6	525.0	-5.0	-14.9	233.5	12.7	10.2	7.5	322.4	329.9	2.3	46.0	7.1	66.
18.1	56.3	5810.5	500.0	-7.3	-27.0	215.2	13.1	7.6	10.7	324.1	327.1	0.9	19.5	8.0	63.
19.5	59.4	6108.5	475.0	-9.6	-12.7	220.9	12.7	6.3	9.6	324.1	327.9	0.5	11.2	9.0	60.
20.9	62.5	6424.6	450.0	-12.7	-36.7	225.0	12.5	8.0	8.9	327.2	328.2	0.4	11.3	10.1	59.
22.6	65.6	7057.1	425.0	-16.0	-37.5	218.4	14.5	9.0	11.4	328.6	329.8	0.4	13.6	11.3	56.
24.3	68.9	7510.3	400.0	-19.4	-39.3	221.6	16.6	11.0	12.4	329.4	331.0	0.3	15.2	12.9	54.
26.1	72.3	7986.2	375.0	-22.3	-42.2	229.6	20.1	15.3	13.0	332.1	333.0	0.2	14.6	14.8	53.
28.0	75.9	8490.8	350.0	-25.0	-47.1	228.5	28.4	21.3	18.8	335.1	335.7	0.2	10.6	17.5	53.
29.9	79.5	9078.1	325.0	-27.0	-49.3	226.7	34.9	26.2	23.1	339.4	339.9	0.1	9.9	21.1	52.
32.0	83.3	9599.7	300.0	-31.8	-50.1	228.2	39.2	29.2	26.1	340.6	341.1	0.1	14.3	25.9	51.
34.5	87.3	10207.8	275.0	-37.0	-53.5	227.1	37.5	27.5	25.5	341.6	341.9	0.1	16.0	31.6	51.
36.9	91.5	10861.5	250.0	-40.6	-59.9	225.0	39.2	27.7	27.7	343.2	344.9	99.9	99.9	37.0	50.
39.3	95.0	11571.1	225.0	-45.8	99.9	228.1	45.4	33.7	30.3	348.2	349.9	99.9	99.9	43.2	49.
42.1	103.6	12148.8	200.0	-52.2	59.9	231.9	42.5	33.9	26.3	352.1	349.9	99.9	99.9	50.6	49.
45.2	105.6	13195.6	175.0	-56.1	59.9	237.9	39.7	33.7	21.1	358.0	349.9	99.9	99.9	58.8	50.
48.9	111.3	14151.4	150.0	-65.1	99.9	230.4	38.5	29.6	24.6	358.0	349.9	99.9	99.9	66.7	51.
52.2	117.3	15250.0	125.0	-62.1	99.9	227.6	22.3	16.4	15.0	371.6	349.9	99.9	99.9	72.3	50.
55.6	124.3	16579.2	100.0	-65.6	59.9	201.6	18.7	6.9	17.4	393.3	349.9	99.9	99.9	79.2	51.
62.4	132.3	18331.5	75.0	-61.4	99.9	167.2	8.4	-1.9	8.2	444.2	349.9	99.9	99.9	81.6	50.
70.4	142.5	20850.5	50.0	-56.7	59.9	121.0	6.0	-5.1	3.1	509.1	349.9	99.9	99.9	82.5	48.
83.2	155.5	25180.9	25.0	-47.2	99.9	82.7	12.0	-11.9	-1.5	649.3	349.9	99.9	99.9	79.3	44.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG





STATION NO. 323  
AMARILLO, TEXAS  
8 JUNE 1979  
000 CH1

TIME MIN	CHTCY	WEIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT Y DEG M	E POT Y DEG M	HI RTO CM/KC	RH PCT	RANGE KM	AZ DEG
0.0	16.3	1096.0	885.0	17.2	15.5	50.0	8.2	-6.3	-8.3	300.7	334.6	12.7	90.0	0.0	0.
00.0	00.0	99.0	1000.0	00.0	00.0	00.0	00.0	00.0	0.0	00.0	000.0	00.0	00.0	00.0	00.0
00.0	00.0	99.0	975.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000.0	00.0	00.0	00.0	00.0
00.0	00.0	99.0	950.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000.0	00.0	00.0	00.0	00.0
00.0	00.0	99.0	925.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000.0	00.0	00.0	00.0	00.0
00.0	00.0	99.0	900.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000.0	00.0	00.0	00.0	00.0
0.4	17.2	1191.8	874.0	15.1	14.2	90.8	18.4	-14.4	0.2	303.7	335.5	11.7	73.0	0.3	239.
1.2	19.6	1441.9	850.0	14.4	12.6	92.6	7.4	-7.4	0.3	368.2	336.5	10.9	64.7	0.8	249.
2.3	23.0	1650.7	825.0	20.6	9.0	154.6	1.7	-0.7	1.5	310.4	335.3	8.8	47.5	0.9	262.
3.5	24.5	1965.5	800.0	15.5	7.1	191.7	4.4	0.9	4.3	312.6	334.8	8.0	44.5	0.9	275.
4.6	26.9	2274.1	775.0	18.1	5.9	195.5	7.2	1.9	6.9	313.2	335.2	7.6	44.9	0.9	297.
5.4	29.4	2517.9	750.0	14.8	5.7	199.4	5.8	3.3	9.3	313.7	336.0	7.7	51.3	1.1	323.
6.4	32.0	2808.8	725.0	13.2	7.3	200.6	11.8	4.2	11.1	314.2	339.6	8.9	67.5	1.5	343.
7.3	34.6	3050.8	700.0	11.8	2.4	211.2	13.2	6.8	11.3	315.2	334.7	6.5	52.1	2.1	356.
8.3	37.2	3401.1	675.0	5.3	0.9	219.2	15.1	9.6	11.7	316.1	338.0	6.1	55.5	2.4	7.
9.3	40.0	3715.1	650.0	6.6	0.5	226.1	17.2	12.4	12.0	316.4	334.6	6.2	65.2	3.6	16.
10.3	42.7	4036.3	625.0	4.1	-2.9	232.9	17.5	14.0	10.6	317.1	332.0	5.0	60.2	4.5	24.
11.6	45.7	4366.9	600.0	0.9	-4.6	235.6	17.9	14.5	9.9	317.2	330.9	4.5	66.4	5.7	31.
12.7	48.5	4705.1	575.0	-1.4	-9.0	232.9	17.5	14.0	10.6	318.2	328.7	3.4	56.2	6.8	35.
13.9	51.4	5060.7	550.0	-4.5	-10.2	225.2	17.8	12.6	12.5	318.2	329.3	3.2	64.1	8.0	37.
14.9	54.5	5425.3	525.0	-7.5	-11.0	215.3	17.1	9.9	13.9	319.2	329.3	3.2	75.7	9.1	38.
16.1	57.6	5805.2	500.0	-7.4	-10.2	211.1	17.0	8.8	14.6	324.0	326.0	0.7	15.8	10.3	37.
17.4	60.9	6203.0	475.0	-5.7	-14.4	212.3	19.0	10.1	16.1	326.0	327.4	0.4	11.1	11.7	37.
18.9	64.1	6618.6	450.0	-11.9	-14.1	206.3	17.2	7.6	15.5	328.3	330.0	0.5	13.8	13.3	36.
20.1	67.6	7054.0	425.0	-15.0	-17.1	213.2	15.3	8.4	12.8	329.2	331.9	0.6	21.5	14.5	35.
21.4	71.0	7510.5	400.0	-17.4	-14.3	226.0	18.8	13.5	13.1	332.4	334.3	0.5	21.1	16.1	35.
23.3	74.7	7981.5	375.0	-20.8	-17.5	226.6	28.2	19.0	18.0	336.1	335.6	0.4	20.5	18.0	37.
24.5	78.5	8497.4	350.0	-24.9	-42.0	222.4	32.1	21.7	23.7	339.2	336.3	0.3	16.4	20.2	38.
26.0	82.5	9031.3	325.0	-25.2	-46.7	219.3	38.6	23.3	28.9	336.4	337.1	0.2	16.5	21.2	39.
27.7	86.7	9568.9	300.0	-31.2	-49.1	218.2	38.6	23.9	30.3	338.2	339.1	0.1	18.4	22.2	38.
29.4	91.0	10208.3	275.0	-37.7	-51.2	213.5	38.3	21.1	31.9	340.2	341.0	0.1	22.5	22.0	38.
31.9	95.6	10853.4	250.0	-43.7	99.9	209.5	42.6	21.0	37.0	341.1	340.9	0.1	55.9	37.0	37.
34.1	100.6	11557.0	225.0	-47.1	99.9	209.5	42.7	21.0	37.1	346.4	340.9	0.1	55.9	42.4	36.
36.2	105.8	12329.2	200.0	-52.3	53.9	212.0	44.0	23.4	37.3	350.6	340.9	0.1	55.9	47.9	35.
38.6	111.8	13181.3	175.0	-57.6	59.9	207.3	38.9	17.8	34.4	354.2	340.9	0.1	55.9	54.6	35.
41.2	118.0	14143.6	150.0	-61.3	99.9	204.9	38.0	16.0	34.5	364.2	340.9	0.1	55.9	59.4	34.
43.3	125.0	15212.3	125.0	-65.2	99.9	213.6	28.3	16.2	24.4	365.2	340.9	0.1	55.9	64.1	34.
45.4	133.0	16505.8	100.0	-73.4	99.9	207.5	17.4	8.0	15.4	365.2	340.9	0.1	55.9	68.8	34.
48.9	143.9	17999.9	75.0	-90.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
50.9	150.9	19999.9	50.0	90.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
52.9	158.9	21999.9	25.0	90.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 363  
AMARILLO, TEXAS

8 JUNE 1978  
1100 GMT

153 23- 0

TIME MIN	CNTCT	WEIGHT GPH	PRES MB	TEMP DEG C	DRY PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T OG M	S POT T OG M	WV ATO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	18.0	1098.0	887.0	15.0	14.5	45.0	6.2	-5.0	-5.0	298.6	320.2	11.8	53.0	0.0	0.
00.0	00.0	1000.0	900.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00.0	00.0	99.0	975.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00.0	00.0	99.0	950.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00.0	00.0	99.0	925.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00.0	00.0	99.0	900.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.4	19.2	1210.0	875.0	15.1	14.6	49.3	12.0	-9.7	-8.4	299.4	321.6	12.1	57.2	0.4	220.
1.4	21.0	1456.1	850.0	15.8	14.8	45.1	11.6	-10.5	-4.9	302.7	326.7	12.6	54.3	1.1	231.
2.4	20.1	1711.5	825.0	16.8	15.9	57.5	7.4	-7.3	1.0	306.3	344.4	14.0	54.8	1.6	240.
3.5	26.0	1974.4	800.0	15.5	14.8	147.1	4.6	-2.5	3.9	307.7	344.5	13.4	55.7	1.9	242.
4.4	29.4	2244.0	775.0	13.8	11.8	145.1	6.3	1.6	6.1	308.6	340.2	11.4	60.3	1.8	272.
5.6	17.1	2527.2	750.0	16.0	-1.5	213.7	11.4	6.3	9.4	314.6	328.3	4.6	28.9	1.3	270.
6.8	34.9	2803.9	725.0	14.7	-2.7	216.2	12.6	7.1	10.4	315.6	328.6	4.3	25.0	1.3	317.
8.1	37.7	3105.2	700.0	12.1	-4.0	210.7	14.0	7.1	12.1	315.5	328.2	4.1	32.1	1.4	342.
9.2	40.4	3409.4	675.0	5.4	-6.4	205.6	14.0	6.1	12.6	316.1	328.8	3.5	31.5	2.6	3.
10.7	43.3	3719.5	650.0	5.4	-4.9	205.6	13.9	6.0	12.5	316.2	329.6	4.1	44.0	3.8	10.
12.2	46.1	4040.6	625.0	3.4	-4.9	206.5	14.2	6.3	12.7	316.2	329.2	4.3	54.8	5.0	14.
13.9	49.1	4363.6	600.0	0.3	-5.2	208.1	14.6	6.9	12.9	316.4	329.5	4.3	60.8	6.4	17.
15.4	52.1	4705.2	575.0	-3.1	-6.4	204.9	15.2	6.4	13.8	316.4	328.7	4.1	76.2	7.7	19.
16.6	55.1	5059.7	550.0	-7.5	-12.7	200.6	15.3	5.4	14.3	317.2	328.2	2.8	60.7	5.1	19.
18.1	59.3	5423.4	525.0	-8.0	-27.1	195.4	15.1	4.1	14.6	318.5	321.9	0.8	19.6	10.4	19.
19.8	61.5	5801.6	500.0	-10.6	-55.1	203.5	16.6	8.6	15.2	320.5	321.1	0.0	1.2	11.8	19.
21.5	64.9	6194.2	475.0	-12.3	-33.2	208.8	19.0	9.2	16.6	322.6	324.5	0.5	15.3	13.6	20.
23.3	69.1	6600.9	450.0	-13.6	-32.5	208.6	20.5	9.8	18.0	326.2	328.1	0.5	18.4	15.7	21.
25.0	71.7	7030.5	425.0	-16.2	-36.5	210.2	21.0	10.6	18.2	328.2	330.0	0.5	18.8	17.8	22.
26.7	75.3	7493.5	400.0	-19.1	-43.3	212.4	21.3	11.4	18.0	330.2	331.0	0.2	9.9	20.0	23.
28.7	78.0	7971.4	375.0	-21.6	-43.7	218.3	23.9	14.9	18.8	333.6	333.0	0.0	1.0	22.6	25.
30.4	82.9	8475.2	350.0	-25.8	-60.5	222.5	24.5	18.9	21.8	333.6	333.9	0.0	1.8	25.8	27.
32.9	87.0	9007.4	325.0	-26.2	-69.0	213.9	32.1	19.6	29.1	335.7	335.7	0.0	1.6	24.8	29.
35.2	91.2	9574.5	300.0	-33.2	-71.3	208.8	38.0	18.3	35.3	338.6	338.6	0.0	1.0	34.9	29.
37.5	95.6	10181.1	275.0	-37.3	-74.0	208.6	36.5	18.0	31.8	341.2	341.2	0.0	1.0	40.1	29.
40.0	100.3	10832.9	250.0	-42.1	59.9	208.7	40.7	21.3	38.8	343.4	343.4	99.0	99.0	45.6	29.
42.4	105.4	11539.7	225.0	-44.5	59.9	207.2	50.7	23.2	45.0	347.3	347.3	99.0	99.0	54.8	29.
45.8	110.8	12133.1	200.0	-51.1	59.9	211.6	42.4	22.2	36.1	351.6	351.6	99.0	99.0	61.9	29.
48.5	116.5	13171.8	175.0	-55.8	59.9	204.8	35.3	18.8	32.9	357.6	357.6	99.0	99.0	69.2	29.
52.0	122.8	14138.4	150.0	-63.3	59.9	199.5	34.1	11.4	32.2	361.1	361.1	99.0	99.0	75.6	29.
55.8	130.0	15240.9	125.0	-65.5	59.9	212.1	31.2	18.5	26.4	369.1	369.1	99.0	99.0	81.8	28.
60.5	138.0	16573.6	100.0	-71.9	99.9	208.1	19.7	9.3	17.4	388.5	388.5	99.0	99.0	90.4	28.
66.4	147.5	18133.1	75.0	-60.4	99.9	160.8	13.0	-4.5	13.1	446.4	446.4	99.0	99.0	95.0	26.
70.5	156.0	20642.4	50.0	-58.8	99.9	118.0	13.3	-11.7	6.2	804.2	804.2	99.0	99.0	96.6	26.
87.6	169.0	25331.2	25.0	-42.5	99.9	99.9	99.9	99.9	99.9	645.1	645.1	99.0	99.0	95.9	99.0

0.9V SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
0.9V TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00.9V SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365  
ALBUQUERQUE, NEW MEXICO

7 JUNE 1979  
1100 GMT

TIME MIN	CATCT	WEIGHT LBS	WIND DIR	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PQT T DEG R	E POT T DEG K	MR RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	23.4	1619.0	10.3	4.5	265.0	5.1	5.1	0.4	0.4	307.4	325.8	8.4	40.0	9.0	8.
99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	23.9	1674.1	15.7	6.8	271.8	5.7	5.7	-0.3	-0.3	309.4	330.9	7.5	42.9	0.1	64.
1.3	26.4	1938.9	18.3	6.9	265.7	5.8	9.8	0.7	0.7	310.7	333.1	7.9	47.4	0.5	85.
1.9	29.0	2205.9	16.0	5.5	274.6	9.5	9.4	-0.8	-0.8	311.1	332.2	7.4	49.6	1.0	84.
2.4	31.6	2408.1	14.2	4.4	290.7	10.6	9.9	-3.6	-3.6	312.6	332.3	7.0	51.7	1.5	92.
3.9	34.2	2773.6	12.1	3.2	302.0	10.8	12.0	-5.7	-5.7	312.8	332.3	6.7	54.3	2.2	100.
5.2	37.0	3067.3	10.4	2.1	309.7	13.8	13.2	-8.3	-8.3	317.2	334.1	5.6	48.1	3.0	107.
6.3	39.8	3371.7	10.4	-0.1	295.4	14.8	13.2	-8.4	-8.4	317.2	334.1	5.0	50.2	4.9	110.
7.4	42.7	3688.6	7.3	-2.3	288.4	14.9	13.2	-3.1	-3.1	317.4	331.2	4.4	51.5	5.8	109.
8.5	45.4	4006.3	4.7	-6.4	277.1	14.2	14.1	-1.8	-1.8	318.1	330.8	4.2	57.9	6.7	108.
9.5	48.3	4337.7	1.7	-5.7	272.1	12.9	12.8	0.7	0.7	318.7	330.4	3.8	62.1	7.6	106.
10.6	51.4	4678.3	-4.3	-7.4	266.7	12.9	12.5	3.2	3.2	319.6	330.6	3.4	71.1	8.4	104.
11.7	54.6	5032.3	-8.3	-19.2	255.5	12.9	12.4	1.2	1.2	321.6	327.1	1.6	34.5	9.4	100.
13.3	57.5	5397.6	-5.7	-20.9	277.8	10.7	10.6	-1.5	-1.5	326.1	331.6	1.4	29.0	10.5	100.
14.9	63.7	5781.2	-8.3	-23.8	267.9	9.0	9.0	0.3	0.3	327.6	331.6	1.2	27.4	11.4	99.
16.4	64.0	6181.0	-12.0	-26.4	257.9	9.1	8.9	1.9	1.9	328.2	331.3	1.0	28.7	12.1	98.
17.4	67.3	6508.1	-16.0	-33.0	257.4	10.7	10.5	2.3	2.3	328.2	331.1	0.7	28.7	13.0	97.
19.5	70.9	7032.1	-15.4	-33.1	246.7	9.8	9.0	3.9	3.9	329.3	331.8	0.6	28.4	14.0	95.
21.1	74.3	7486.1	-27.3	-36.5	239.4	5.2	8.4	5.0	5.0	330.6	332.4	0.4	28.4	14.8	93.
22.5	74.3	7562.2	-27.3	-60.0	241.9	10.3	9.1	4.9	4.9	331.9	333.1	0.3	28.5	15.7	91.
24.5	81.9	8463.7	-21.0	-43.2	254.4	11.7	11.2	3.1	3.1	334.6	334.9	0.3	28.6	16.7	89.
26.4	86.0	9527.7	-39.4	-47.1	257.3	15.9	15.5	3.5	3.5	335.4	336.1	0.2	28.7	18.3	89.
28.3	92.2	9552.2	-36.4	59.9	246.2	15.4	15.0	6.6	6.6	338.2	339.5	99.9	959.9	20.5	87.
30.6	94.5	10153.5	-42.5	59.9	245.0	15.4	13.9	4.5	4.5	342.6	399.9	99.9	959.9	22.5	85.
32.6	99.0	10503.5	-46.8	59.9	241.5	12.6	11.1	6.0	6.0	346.8	399.9	99.9	999.9	24.4	83.
35.2	109.4	11507.8	-63.3	59.9	238.6	11.7	10.0	6.1	6.1	348.2	399.9	99.9	999.9	26.2	81.
38.0	115.3	11123.2	-60.5	59.9	234.8	11.1	9.1	6.4	6.4	350.3	399.9	99.9	999.9	28.1	80.
41.0	121.5	14071.9	-64.2	99.9	222.9	17.8	12.1	13.0	13.0	357.8	399.9	99.9	999.9	30.1	77.
43.1	121.5	14071.9	-64.2	99.9	222.9	17.8	12.1	13.0	13.0	357.8	399.9	99.9	999.9	31.4	73.
47.4	121.7	15185.2	-64.4	99.9	232.0	21.0	17.7	11.3	11.3	378.2	399.9	99.9	999.9	38.5	72.
52.1	136.7	16537.5	-67.7	99.9	232.0	13.5	10.7	4.3	4.3	396.9	399.9	99.9	999.9	41.2	70.
56.1	145.5	18263.2	-67.7	99.9	211.5	5.6	2.9	4.8	4.8	599.9	399.9	99.9	999.9	40.7	68.
61.6	156.0	20407.8	-57.8	99.9	120.9	5.0	-4.3	2.6	2.6	599.9	399.9	99.9	999.9	40.7	68.
76.0	165.3	23330.7	-45.8	99.9	509.9	99.9	99.9	99.9	99.9	653.4	399.9	99.9	999.9	36.7	63.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 385  
 ALBUQUERQUE, NEW MEXICO

 7 JUNE 1979  
 1405 GMT

TIME MIN	CMCT	HEIGHT GPM	PRES MB	TEMP OC C	DEB PT OC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COM M/S	POT 8 DG M	E POT 7 DG M	MZ RTD CM/KC	SW PCT	RANGE KM	AZ DG
0.0	23.0	1010.0	831.0	21.1	4.0	220.0	6.2	4.0	4.7	310.2	320.7	0.0	30.0	0.0	0.0
00.0	00.0	99.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00.0	00.0	99.0	975.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00.0	00.0	99.0	950.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00.0	00.0	99.0	925.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00.0	00.0	99.0	900.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00.0	00.0	99.0	875.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00.0	00.0	99.0	850.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.3	23.8	1000.0	825.0	20.2	0.0	222.6	5.0	5.5	1.7	309.5	330.3	7.1	39.6	0.1	40.0
1.3	20.3	1054.5	800.0	10.2	5.2	253.9	5.0	5.4	1.0	310.4	330.4	6.9	42.1	0.4	40.0
2.3	20.4	2226.0	775.0	14.5	4.0	302.1	3.7	3.1	-2.0	311.2	330.6	6.4	43.3	0.4	75.0
3.4	31.4	2504.1	750.0	14.1	3.1	317.7	3.4	2.3	-2.5	311.5	330.5	6.4	47.3	0.8	80.0
4.4	30.0	2790.6	725.0	12.5	2.1	300.6	5.0	4.4	-3.7	313.2	331.2	6.2	48.6	0.9	100.0
5.5	30.8	3083.6	700.0	11.2	0.0	280.3	10.3	9.9	-2.9	314.5	332.1	5.0	48.4	1.5	105.0
6.4	30.4	3386.7	675.0	9.5	-0.0	278.3	10.0	10.7	-1.2	316.3	332.3	5.4	40.8	2.1	105.0
7.4	42.3	3680.8	650.0	7.0	-2.5	265.3	10.2	10.2	0.1	316.5	331.7	4.0	90.8	2.7	101.0
7.7	45.1	4019.7	625.0	4.1	-0.6	247.8	9.7	9.7	0.4	317.8	328.6	3.7	45.3	3.4	90.0
10.0	49.0	4350.2	600.0	1.0	-12.4	250.4	5.6	9.4	2.3	318.0	325.7	2.5	30.4	4.2	90.0
11.5	51.0	4621.3	575.0	-1.0	-15.4	245.7	10.6	9.7	4.4	318.2	325.7	2.0	33.4	5.0	91.0
12.0	53.9	5044.0	550.0	-3.5	-10.7	242.0	12.0	11.1	4.7	319.5	325.7	1.5	27.2	5.8	87.0
14.5	57.5	5410.0	525.0	-6.2	-23.9	242.0	11.1	10.0	3.3	323.0	327.0	1.1	19.8	7.0	84.0
16.1	60.1	5793.0	500.0	-8.1	-23.3	233.5	11.5	11.5	1.3	325.2	326.2	0.7	15.2	8.0	84.0
17.7	63.4	6192.7	475.0	-5.0	-27.7	230.8	12.1	11.0	2.3	326.4	329.7	0.8	20.3	9.1	83.0
19.3	66.7	6606.3	450.0	-12.7	-27.0	225.9	12.7	12.3	3.1	327.3	330.4	0.9	27.9	10.3	81.0
21.0	70.1	7041.7	425.0	-16.0	-31.4	227.0	12.5	12.2	2.6	328.2	330.7	0.6	25.0	11.6	82.0
22.7	73.7	7465.4	400.0	-19.6	-35.2	222.5	9.9	9.5	3.0	329.5	331.2	0.5	23.3	12.7	82.0
24.3	77.3	7971.3	375.0	-23.3	-38.6	220.0	8.4	6.9	4.0	330.8	332.1	0.4	22.9	13.6	81.0
26.0	81.2	8471.6	350.0	-27.0	-42.3	222.1	8.4	6.6	5.2	331.2	332.1	0.3	23.4	14.3	79.0
27.9	85.2	9000.0	325.0	-31.6	-45.5	220.5	9.7	8.2	5.2	333.1	333.9	0.2	23.7	15.2	77.0
30.2	89.3	9562.5	300.0	-36.0	-47.9	216.6	15.6	14.6	9.4	334.4	337.0	0.2	20.4	16.9	76.0
32.0	93.7	10140.1	275.0	-37.2	-50.0	211.7	16.3	14.4	7.7	341.3	341.8	0.1	22.5	19.3	75.0
35.1	98.3	10819.1	250.0	-41.2	-50.0	213.2	18.7	12.0	7.3	344.9	349.8	99.9	99.9	21.5	73.0
37.9	103.2	11527.2	225.0	-46.5	-50.0	219.7	15.3	12.1	9.5	347.3	350.9	99.9	99.9	23.0	72.0
41.0	108.5	12268.0	200.0	-52.3	-50.0	219.7	16.5	10.5	12.7	350.0	350.0	99.9	99.9	26.5	69.0
44.0	114.3	13151.4	175.0	-57.0	-50.0	220.7	27.6	18.0	20.0	354.0	359.0	99.9	99.9	29.7	65.0
47.2	120.6	14110.3	150.0	-64.0	-50.0	230.1	33.2	25.5	21.3	359.5	369.9	99.9	99.9	35.0	62.0
51.0	127.7	15224.0	125.0	-64.2	-50.0	239.2	20.3	17.9	10.4	378.0	399.9	99.9	99.9	42.0	61.0
55.2	135.3	16379.4	100.0	-64.1	-50.0	233.0	14.4	21.4	8.5	400.0	409.9	99.9	99.9	46.2	61.0
60.5	144.3	18331.4	75.0	-64.0	-50.0	190.7	7.2	1.3	7.1	430.2	459.9	99.9	99.9	49.0	60.0
68.4	154.5	20867.3	50.0	-52.4	-50.0	99.9	99.9	99.9	99.9	510.7	509.9	99.9	99.9	49.1	58.0
90.9	99.9	59.0	25.0	55.0	50.0	99.9	99.9	99.9	99.9	95.5	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 369  
ALBUQUERQUE, NEW MEXICO

7 JUNE 1979  
1705 GMT

TIME H:MM	ENTCT	WIND GPM	WIND MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	WIND DEG	E POT J/K	NR MTO GM/KG	RM PCT	RANGE KM	12 DEG
00	23.2	1019.0	832.0	26.1	4.6	225.0	7.2	5.1	5.1	315.4	336.2	6.6	25.0	0.0	0.0
01	08.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02	09.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03	09.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04	09.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05	09.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
06	09.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
07	09.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
08	09.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09	09.9	99.9	800.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
10	09.9	99.9	775.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
11	09.9	99.9	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
12	09.9	99.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
13	09.9	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
14	09.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
15	09.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
16	09.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
17	09.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
18	09.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
19	09.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
20	09.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
21	09.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
22	09.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
23	09.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
24	09.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
25	09.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
26	09.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
27	09.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
28	09.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
29	09.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30	09.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31	09.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32	09.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33	09.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34	09.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35	09.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
36	09.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
37	09.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
38	09.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
39	09.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
40	09.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
41	09.9	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365  
ALBUQUERQUE, NEW MEXICO7 JUNE 1979  
2005 GMT

145 19. 8

TIME MIN	CHTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DJR OG	SPFEO M/SEC	J COMP M/SEC	J COMP M/SEC	POT V DC K	POT V DC K	E POT V DC K	MX RTO GM/KG	RM PCY	RANGE KM	AZ DG
0.0	23.1	1619.3	830.6	26.3	9.6	140.0	6.2	-4.0	4.7	317.6	317.6	337.0	6.4	22.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.2	23.7	1678.8	825.0	26.1	6.1	153.1	6.0	-2.5	5.4	316.2	316.2	337.4	7.2	28.2	0.1	162.
1.1	26.3	1947.7	800.0	22.4	5.6	170.5	5.8	-6.4	5.9	315.1	315.1	335.9	7.1	33.4	0.4	319.
1.7	28.8	2222.6	775.0	20.1	4.4	201.7	5.6	2.1	5.2	315.4	315.4	335.3	6.8	35.6	0.6	351.
2.6	31.4	2504.1	750.0	17.4	3.4	228.6	5.3	3.9	3.9	315.4	315.4	334.7	6.6	36.4	0.8	4.
3.4	34.1	2792.2	725.0	14.6	2.2	255.0	6.2	5.3	3.2	315.2	315.2	333.8	6.2	42.9	1.1	19.
5.3	36.8	3087.9	700.0	12.2	1.3	282.1	7.3	6.9	2.2	316.0	316.0	333.8	6.0	47.0	1.6	36.
7.4	32.4	3191.1	675.0	9.2	-1.5	263.1	9.4	9.5	1.3	316.6	316.6	331.1	5.1	46.9	2.5	53.
8.4	42.3	3702.7	650.0	6.8	-4.3	233.3	10.9	10.8	1.3	316.6	316.6	329.5	4.3	45.0	3.2	60.
9.7	45.2	4023.2	625.0	3.3	-8.8	206.2	10.8	10.6	0.7	316.2	316.2	329.2	4.3	53.2	3.8	45.
10.8	45.1	4352.8	600.0	0.1	-16.1	181.3	12.3	12.1	1.9	316.3	316.3	329.5	4.4	67.9	4.5	48.
11.0	51.1	4692.6	575.0	-2.8	-24.9	155.5	13.2	13.0	2.4	316.7	316.7	330.7	4.6	85.1	5.3	70.
12.9	54.1	5043.3	550.0	-5.9	-34.8	129.9	12.9	12.4	3.8	317.1	317.1	329.9	4.2	94.4	6.2	71.
14.6	57.3	5406.4	525.0	-7.3	-20.2	104.8	14.8	13.8	5.4	319.6	319.6	324.5	1.5	36.4	7.5	70.
16.1	60.5	5786.2	500.0	-4.5	-24.1	242.4	14.2	12.6	6.4	325.1	325.1	328.8	1.1	23.3	6.9	70.
17.5	63.7	6186.6	475.0	-10.0	-28.3	231.9	12.8	10.1	7.9	325.4	325.4	328.8	0.9	24.9	9.9	68.
19.1	67.1	6600.0	450.0	-14.1	-24.0	233.1	12.7	10.3	7.5	325.2	325.2	328.4	0.8	29.7	11.1	67.
20.7	70.6	7038.9	425.0	-18.0	-31.0	230.5	11.7	10.1	6.0	326.6	326.6	328.3	0.7	30.8	12.3	66.
22.5	74.1	7481.1	400.0	-21.1	-35.2	230.3	12.8	9.9	8.2	327.6	327.6	329.2	0.5	26.7	13.5	65.
24.2	77.9	7954.3	375.0	-24.9	-34.8	228.7	14.7	9.6	11.1	328.7	328.7	330.0	0.3	25.7	14.9	63.
25.9	81.7	8452.9	350.0	-27.9	-41.8	224.0	15.2	10.5	10.5	331.2	331.2	332.2	0.3	24.7	16.3	61.
27.8	85.8	8979.7	325.0	-32.9	-45.6	233.3	13.7	12.6	9.4	331.2	331.2	332.1	0.2	26.4	18.1	60.
30.0	90.0	9560.5	300.0	-34.5	-48.2	233.5	16.6	13.5	10.4	336.7	336.7	337.3	0.2	23.1	20.2	60.
32.0	94.4	10144.7	275.0	-38.5	-53.9	222.2	17.2	11.5	12.7	339.2	339.2	341.9	99.9	999.9	22.1	58.
34.0	99.2	10792.5	250.0	-43.3	-59.9	222.8	17.7	13.1	11.9	341.7	341.7	347.1	99.9	999.9	24.1	57.
36.5	104.0	11456.7	225.0	-46.4	-54.9	224.3	27.3	19.1	19.6	347.1	347.1	349.9	99.9	999.9	27.2	56.
39.4	109.8	12249.4	200.0	-51.7	-59.9	216.8	40.1	23.8	32.3	350.5	350.5	359.7	99.9	999.9	33.1	53.
41.9	115.3	13123.0	175.0	-57.9	-59.9	217.8	43.9	26.9	34.7	354.4	354.4	359.9	99.9	999.9	39.3	50.
44.1	121.7	14078.0	150.0	-63.8	-59.9	228.8	38.5	25.1	25.6	360.1	360.1	366.5	99.9	999.9	47.3	48.
46.3	124.7	15186.2	125.0	-67.5	-59.9	226.7	20.1	17.6	17.6	372.6	372.6	379.9	99.9	999.9	53.0	49.
52.5	136.7	16537.1	100.0	-64.8	-59.9	224.9	20.8	14.5	14.5	402.6	402.6	409.9	99.9	999.9	57.9	49.
57.5	145.5	18261.9	75.0	-63.9	-59.9	191.4	12.4	2.5	12.4	439.8	439.8	449.9	99.9	999.9	61.7	47.
64.6	155.0	20808.0	50.0	-56.2	-59.9	151.6	7.9	-3.6	6.6	511.0	511.0	519.9	99.9	999.9	63.5	46.
77.0	164.7	25331.3	25.0	-48.9	-59.9	115.4	12.9	-11.6	5.6	644.4	644.4	659.9	99.9	999.9	61.8	41.

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

9 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
UNCLASSIFIED

STATION NO. 365  
ALBUQUERQUE, NEW MEXICO

7 JUNE 1979  
2300 GMT

TIME MIN	CHCT	WGT GPM	PRES MB	TEMP DEG C	DEN PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WZ WTC CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	23.0	1619.0	829.8	27.8	0.5	200.0	6.2	6.1	1.1	317.2	331.9	4.8	17.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.2	23.0	1670.6	825.0	27.1	0.5	255.7	6.4	6.2	1.0	317.2	337.0	6.7	24.6	0.1	36.0
1.2	23.0	1941.0	870.0	24.8	7.7	253.5	7.7	7.3	2.2	317.4	341.1	8.0	32.6	0.5	72.0
2.3	23.0	2218.0	775.0	22.0	5.6	255.5	9.1	8.8	2.3	317.4	339.2	7.4	36.5	1.1	74.0
3.3	31.2	2501.5	750.0	19.6	4.1	255.6	9.1	8.8	2.3	317.5	338.3	6.9	35.9	1.6	75.0
4.1	31.6	2791.7	725.0	16.6	2.4	247.4	8.7	8.0	3.3	317.7	336.5	6.3	38.5	2.0	74.0
5.0	31.3	3089.6	700.0	14.0	1.0	245.0	9.0	8.2	3.8	318.0	335.6	5.9	41.1	2.5	72.0
5.9	32.2	3364.9	675.0	10.9	-0.5	241.0	9.0	7.9	4.4	317.5	334.3	5.5	45.2	3.0	71.0
6.6	42.0	3707.9	650.0	7.8	-1.6	236.3	9.6	8.0	5.3	317.4	333.3	5.2	50.5	3.5	69.0
7.7	44.9	4032.0	625.0	4.2	-3.0	225.4	10.1	7.5	6.7	318.0	332.8	4.9	57.2	4.0	67.0
8.6	47.4	4361.4	600.0	1.6	-4.7	228.5	10.1	7.5	7.2	317.5	331.6	4.5	62.6	4.5	65.0
9.7	50.7	4702.8	575.0	-1.8	-5.2	226.5	10.4	7.6	7.5	317.5	331.5	4.5	67.4	5.1	63.0
10.9	53.7	5054.8	550.0	-4.2	-5.9	227.1	11.0	8.0	7.4	319.7	332.7	4.2	69.6	6.8	59.0
12.4	56.6	5419.5	525.0	-7.2	-7.3	233.3	12.4	9.9	7.9	320.7	330.2	3.0	85.6	8.1	59.0
13.9	60.0	5794.4	500.0	-10.1	-13.1	238.8	15.2	13.0	6.1	322.2	331.3	2.8	93.2	9.0	59.0
15.5	63.1	6192.4	475.0	-12.7	-13.5	245.9	14.8	13.6	6.1	322.2	331.3	2.8	93.2	9.0	59.0
16.8	66.6	6602.5	450.0	-16.2	-20.8	248.0	13.4	12.5	4.6	322.6	325.3	0.7	29.7	10.7	60.0
14.5	73.0	7036.9	425.0	-17.9	-32.1	235.4	13.0	10.7	7.4	326.5	325.1	0.1	27.6	11.7	61.0
20.2	73.6	7482.7	400.0	-20.6	-34.9	233.4	18.1	11.1	11.7	328.2	329.9	0.5	26.3	13.4	59.0
21.9	77.2	7957.0	375.0	-23.7	-38.0	226.7	15.1	11.0	10.8	330.2	331.6	0.4	25.4	15.0	57.0
24.0	81.0	8457.4	350.0	-27.4	-41.1	223.3	14.9	10.2	11.2	331.6	332.9	0.3	25.6	16.8	56.0
26.3	85.0	8972.6	325.0	-30.6	-44.0	220.7	14.8	9.7	11.2	334.2	335.4	0.2	25.3	19.8	54.0
29.4	89.2	9522.9	300.0	-34.0	-47.2	217.1	12.4	7.5	9.9	337.4	338.1	0.2	24.6	20.5	53.0
32.6	93.7	10145.0	275.0	-38.9	-51.3	210.6	17.5	11.4	13.3	339.1	339.5	0.1	24.9	22.3	52.0
32.9	93.4	10805.9	250.0	-42.3	-54.9	217.1	19.4	11.8	15.6	343.2	343.2	99.9	559.9	24.6	51.0
35.0	103.3	11510.6	225.0	-47.5	-59.9	219.4	27.9	17.7	17.7	345.2	345.2	99.9	559.9	27.5	50.0
37.5	134.6	12806.6	200.0	-52.0	-64.9	213.0	36.0	21.7	33.3	350.4	350.4	99.9	559.9	32.6	47.0
40.4	114.4	13134.3	175.0	-57.9	-69.9	213.6	44.3	24.5	36.7	354.2	354.2	99.9	559.9	39.9	44.0
43.5	121.0	14090.5	150.0	-63.4	-74.9	213.6	35.7	19.8	29.8	360.4	360.4	99.9	559.9	47.1	43.0
46.8	128.0	15211.2	125.0	-64.2	-79.9	219.8	28.9	14.6	19.9	375.1	375.1	99.9	559.9	53.5	42.0
51.1	134.0	16554.6	100.0	-67.7	-84.9	216.8	16.5	9.9	13.2	387.8	387.8	99.9	559.9	58.5	42.0
54.4	143.7	18311.6	75.0	-68.1	-89.9	201.1	9.4	3.5	9.0	447.1	447.1	99.9	559.9	62.1	42.0
59.1	154.3	20452.2	50.0	-55.1	-69.9	129.7	7.5	-8.7	4.8	813.7	813.7	99.9	559.9	63.5	40.0
76.8	161.7	23386.7	25.0	-46.2	-59.9	64.4	7.0	-8.3	-3.0	662.1	662.1	99.9	559.9	60.4	35.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
ALBUQUERQUE, N.M. MEXICO

8 JUMP 1579  
205 GMT

151 0. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WZ RTG CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	22.9	1619.3	830.6	26.7	2.6	230.0	6.2	4.7	4.0	316.2	332.8	5.6	21.0	0.0	0.0
0.9	23.9	99.9	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	930.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	800.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	775.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

9 RT SPOLED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
9 RT MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
99 RT SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365  
LA BUQUENCUE, APM MEXICO

9 JUNE 1975 505 GMT

505 GMT													100		
TIME	CHTCF	HEIGHT	PRES	TEMP	DIR	DIR	SPEED	U COMP	V COMP	POT	E POT	RTG	PM	RANGE	AZ
MIN		GPM	MB	DE C	CG C	°	M/SEC	M/SEC	M/SEC	CG K	CG K	CH/KG	PCY	K4	DG
0.0	22.6	1019.0	832.4	21.1	7.3	180.0	3.1	0.0	3.1	310.1	332.3	7.8	41.0	0.0	0.0
00.3	70.3	99.9	1000.0	59.9	59.9	59.9	59.9	59.9	59.9	59.9	599.9	59.9	999.9	999.9	999.9
00.9	99.9	99.9	99.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	599.9	59.9	999.9	999.9	999.9
01.9	99.9	99.9	99.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	999.9	59.9	999.9	999.9	999.9
02.9	99.9	99.9	99.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	999.9	59.9	999.9	999.9	999.9
03.9	99.9	99.9	99.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	599.9	59.9	599.9	599.9	599.9
04.9	99.9	99.9	875.3	59.9	59.9	59.9	59.9	59.9	59.9	59.9	599.9	59.9	599.9	599.9	599.9
05.9	99.9	99.9	875.0	59.9	59.9	59.9	59.9	59.9	59.9	59.9	599.9	59.9	599.9	599.9	599.9
06.9	99.9	99.9	875.0	23.0	9.4	274.2	4.9	3.4	3.5	313.0	339.8	9.0	41.9	0.1	0.0
07.9	21.3	1066.9	893.0	21.8	7.0	235.1	6.6	5.6	3.5	314.4	337.3	7.9	39.3	0.3	10.0
08.9	1.2	1566.9	893.0	16.7	5.4	271.1	5.5	6.4	2.8	314.6	335.1	7.3	37.5	0.7	50.0
09.9	21.1	2339.1	175.0	19.5	5.4	271.1	5.5	9.4	1.5	314.7	334.1	6.7	42.1	1.2	60.0
10.9	11.1	2514.9	725.0	16.7	1.8	260.7	5.5	9.4	1.5	314.7	334.1	6.7	42.1	1.2	60.0
11.9	33.4	2867.6	725.0	14.2	2.7	272.6	12.3	12.3	-0.1	315.0	332.9	6.4	42.8	1.7	69.0
12.9	6.1	16.4	770.0	11.6	0.6	271.5	12.7	12.7	-0.3	315.2	332.9	5.7	42.7	2.4	76.0
13.9	6.2	16.7	675.0	8.9	3.4	265.3	11.6	11.7	1.0	315.2	332.9	5.8	54.2	3.2	70.0
14.9	7.1	3715.6	650.0	6.1	-1.9	261.6	11.9	11.8	1.7	315.5	331.2	5.1	67.0	4.1	81.0
15.9	4.9	6374.7	650.0	7.0	-2.5	274.7	10.6	10.2	2.8	315.5	331.2	5.1	67.0	4.9	80.0
16.9	9.6	4744.1	500.0	-0.1	-3.5	267.4	11.0	10.1	4.2	316.0	330.2	4.9	76.1	5.7	79.0
17.9	47.9	4776.0	575.0	-2.5	-3.9	233.6	10.5	8.4	6.8	317.1	332.2	5.0	90.1	6.5	76.0
18.9	12.1	533.9	550.0	-5.0	-5.3	214.2	11.8	6.6	9.7	318.2	331.6	4.4	92.5	7.2	72.0
19.9	13.6	5422.5	525.0	-7.4	-6.3	204.6	12.9	5.4	11.7	319.2	331.6	3.9	92.6	8.0	67.0
20.9	6.1	5900.5	500.0	-10.9	-13.2	211.0	13.3	6.8	11.4	319.2	328.8	2.8	82.9	8.8	63.0
21.9	14.9	6195.0	475.0	-10.9	-13.6	213.3	12.7	9.7	8.1	324.5	326.7	0.6	18.4	9.7	60.0
22.9	67.6	6195.0	475.0	-14.9	-31.6	235.0	12.3	10.1	7.1	325.0	327.1	0.6	21.6	13.8	60.0
23.9	70.3	7717.7	425.0	-18.2	-31.1	233.0	13.7	9.3	10.0	325.4	327.9	0.7	31.2	12.0	54.0
24.9	73.9	7667.9	420.0	-21.0	-30.9	213.7	14.7	8.2	12.3	327.7	329.1	0.4	22.2	13.4	56.0
25.9	77.6	7361.4	375.0	-24.3	-40.1	213.3	14.5	6.0	12.1	329.5	330.6	0.3	21.4	13.4	54.0
26.9	91.5	5903.5	350.0	-26.1	-43.1	207.0	13.0	5.9	11.6	330.5	331.8	0.2	22.0	13.6	52.0
27.9	95.5	5907.6	325.0	-28.1	-44.1	199.0	13.0	4.2	12.3	332.5	333.3	0.2	28.9	17.7	49.0
28.9	69.7	7748.5	300.0	-35.7	-48.4	212.0	15.3	8.1	13.0	335.0	335.6	0.2	25.7	19.3	47.0
29.9	94.0	10149.2	275.0	-40.1	92.9	232.6	13.3	10.6	8.1	337.2	599.8	99.8	999.9	21.2	47.0
30.9	94.0	10149.2	275.0	-44.7	92.9	225.7	14.2	10.2	9.9	339.2	599.8	59.9	999.9	23.1	44.0
31.9	94.0	10149.2	275.0	-48.9	92.9	209.0	14.2	13.2	23.8	344.2	999.9	99.9	999.9	23.7	46.0
32.9	103.4	11747.9	225.0	-62.5	92.9	209.8	27.1	20.9	36.5	350.0	999.9	59.9	999.9	31.3	43.0
33.9	103.4	11747.9	200.0	-62.9	92.9	200.0	40.6	19.1	35.9	356.3	999.9	59.9	999.9	35.5	40.0
34.9	114.3	13112.7	175.0	-76.8	59.9	208.0	40.7	17.2	36.9	364.1	999.9	99.9	999.9	47.5	37.0
35.9	121.5	14079.5	150.0	-61.9	59.9	205.0	40.7	17.2	36.9	370.5	599.9	59.9	599.9	55.4	36.0
36.9	127.5	15730.0	125.0	-67.6	59.9	210.6	27.2	13.9	23.4	376.5	599.9	59.9	599.9	63.9	36.0
37.9	134.7	16533.4	100.0	-66.1	59.9	214.1	16.6	9.3	13.6	400.1	599.9	59.9	599.9	65.0	36.0
38.9	143.3	14114.6	75.0	-62.1	59.9	178.1	16.9	-8.3	8.9	442.6	599.9	59.9	599.9	65.0	36.0
39.9	151.0	20344.7	50.0	-55.9	59.9	114.4	7.6	-14.9	-1.2	511.7	599.9	59.9	599.9	65.0	37.0
40.9	151.0	20344.7	25.0	-47.5	59.9	99.5	12.2	-12.2	-1.2	640.5	599.9	99.9	599.9	63.8	27.0

00 BY SPEED MEANS ELEVATION ANGLE BETWEE. 6 AND 10 DEG  
00 BY TEMP MEAN'S TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG





STATION NO. 348  
 ALBUQUERQUE, N.M. MEXICO

3 JUNE 1105 GMT .579

TIME MIN	CHPT	HEIGHT GPM	PRES MB	TEMP DEG C	DRY PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG M	E POT 1 DEG M	WIND CM/SEC	RM PCT	RANGE KM	AZ DEG
0.0	22.5	1619.0	833.2	17.2	9.2	236.0	3.6	2.8	2.3	308.5	324.8	6.7	43.0	0.0	0.
00.0	99.9	1000.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	975.0	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	950.0	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	925.0	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	900.0	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	875.0	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	850.0	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	23.3	1703.8	825.0	16.2	5.8	244.7	7.5	6.8	3.2	307.6	327.8	7.0	44.2	0.1	27.
1.1	25.9	1967.3	800.0	17.5	5.5	236.5	6.0	5.0	3.3	309.2	330.2	7.1	45.1	0.4	50.
2.0	29.4	2237.2	775.0	14.2	4.7	231.1	6.1	4.7	3.8	309.1	328.9	6.9	52.8	0.6	50.
2.9	31.0	2512.8	750.0	11.3	3.9	240.7	6.1	7.1	4.0	308.6	328.2	6.8	60.5	1.0	52.
3.8	33.7	2793.4	725.0	5.2	3.5	248.2	5.5	8.8	3.5	308.6	329.1	6.8	67.3	1.5	56.
4.5	36.4	3085.4	700.0	5.4	3.9	251.1	11.4	10.8	3.7	308.6	330.4	7.3	74.1	2.1	61.
5.8	39.1	3381.0	675.0	2.8	2.7	235.9	11.8	9.6	6.5	309.5	329.7	6.9	82.6	2.9	62.
6.7	42.0	3686.8	650.0	1.4	-0.5	223.1	12.3	6.4	9.0	310.5	327.1	5.7	87.4	3.6	59.
7.4	44.6	4008.3	625.0	-0.7	-1.4	217.6	13.4	8.2	10.6	311.6	326.0	5.5	93.6	4.0	57.
8.4	47.7	4370.0	600.0	-2.5	-2.9	211.1	13.4	6.9	11.5	313.3	326.5	5.1	96.6	4.7	53.
9.7	50.6	4652.3	575.0	-4.2	-5.4	208.7	13.8	6.9	12.1	315.1	326.5	4.5	91.3	5.7	49.
11.0	53.6	5017.8	550.0	-6.2	-7.2	208.0	16.3	7.6	14.4	316.7	326.9	4.0	92.6	6.8	43.
12.3	56.8	5390.0	525.0	-8.5	-9.6	205.2	16.2	6.9	14.7	318.2	326.9	3.5	90.3	8.0	43.
13.4	60.0	5757.2	500.0	-10.4	-11.6	205.0	16.4	6.9	14.9	320.2	330.1	3.2	91.2	9.1	40.
14.6	63.3	6150.4	475.0	-13.3	-14.1	210.8	16.0	8.2	13.8	321.6	330.1	2.7	93.9	10.1	34.
15.8	66.6	6541.5	450.0	-15.0	-16.1	221.6	17.5	11.6	13.1	324.4	332.2	2.4	91.4	11.3	39.
17.0	70.1	6991.5	425.0	-18.1	-20.1	224.5	18.3	12.9	13.1	324.8	331.8	1.8	84.3	12.7	39.
18.8	73.7	7441.2	400.0	-21.6	-25.4	225.0	19.6	12.6	15.0	327.6	331.0	1.2	70.7	14.6	40.
20.9	77.4	7913.9	375.0	-25.0	-29.2	220.3	20.6	13.4	15.9	328.6	330.5	0.6	41.4	17.2	40.
22.9	81.3	8411.7	350.0	-28.9	-33.1	227.6	21.0	15.5	14.2	329.7	332.1	0.7	67.1	19.7	40.
24.4	85.3	8939.7	325.0	-29.9	-36.0	234.9	21.2	17.4	12.2	335.5	336.1	0.1	15.3	21.6	41.
25.6	89.5	9505.1	300.0	-34.6	-34.5	239.1	18.7	15.9	9.9	336.7	337.0	0.1	11.0	23.1	42.
26.9	94.0	10105.4	275.0	-40.4	59.9	234.1	15.5	12.6	9.1	336.2	336.9	99.9	59.9	24.3	43.
28.5	98.8	10748.9	250.0	-46.6	59.9	218.8	14.4	9.0	11.2	336.5	336.5	99.9	59.9	25.7	43.
30.5	103.8	11437.0	225.0	-51.6	99.9	211.4	22.2	11.5	18.9	339.5	339.5	99.9	99.9	27.6	42.
32.8	109.0	12192.8	200.0	-55.6	59.9	212.1	31.9	17.0	27.1	344.7	339.9	99.9	59.9	31.3	41.
35.4	115.0	13042.1	175.0	-56.4	99.9	200.6	36.7	12.9	34.3	356.8	339.9	99.9	99.9	37.9	39.
38.6	121.3	14010.9	150.0	-61.0	59.9	198.6	38.0	12.3	36.0	365.0	339.9	99.9	99.9	43.8	36.
41.9	129.5	15135.1	125.0	-63.4	59.9	206.6	25.8	11.6	23.1	380.2	339.9	99.9	99.9	50.3	34.
45.6	136.3	16501.8	100.0	-65.9	99.9	204.5	15.3	7.3	13.4	400.5	339.9	99.9	99.9	54.5	34.
50.4	145.0	18248.9	75.0	-64.3	99.9	165.4	7.4	-1.9	7.1	438.2	339.9	99.9	99.9	56.9	33.
54.2	154.0	20795.7	50.0	-45.3	59.9	102.7	6.2	-6.1	1.4	513.2	339.9	99.9	99.9	57.7	31.
99.9	99.9	99.9	25.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

 \* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433  
SALEM, ILLINOIS  
7 JUNE 1976  
1105 GMT

TIME MIN	CHCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT P DG M	E POT V DG K	MR RTG CM/SEC	RM PCY	102 RANGE KM	10. 0 AZ DC
0.0	7.7	175.0	987.0	21.3	21.0	200.0	4.1	1.4	3.9	295.6	337.1	16.1	98.0	0.0	0.
9.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.3	8.8	281.6	575.0	21.1	20.7	175.0	4.8	-0.4	4.8	296.4	338.0	16.0	97.9	0.4	349.
1.2	11.2	507.0	953.0	20.6	19.6	177.3	10.4	-0.5	10.6	298.1	327.6	11.1	95.3	0.7	352.
2.0	11.5	732.9	925.0	15.8	12.7	178.2	14.0	-0.4	14.0	299.2	326.5	10.0	93.7	1.4	355.
3.0	15.9	973.6	920.0	18.2	15.2	174.9	15.3	-1.4	15.3	300.3	325.2	10.0	88.0	2.2	356.
3.9	15.3	1218.9	875.0	16.8	10.5	172.7	15.3	-2.0	15.4	301.3	326.3	9.2	86.2	3.1	355.
4.9	23.7	1461.9	875.0	15.9	8.2	166.4	15.0	-3.5	14.6	302.9	325.1	8.1	57.9	4.0	354.
5.9	23.2	1715.1	825.0	14.0	6.4	154.4	15.2	-1.1	14.7	303.4	323.7	7.3	60.1	4.9	352.
6.9	25.7	1974.5	825.0	12.4	4.5	151.6	14.5	-1.1	14.5	304.4	320.6	6.8	77.3	5.8	351.
7.9	24.3	2240.5	775.0	10.4	3.2	148.5	13.1	1.0	13.0	305.2	311.2	6.5	67.7	6.6	353.
8.9	18.3	2798.1	725.0	8.9	2.1	139.6	13.0	2.5	14.8	306.2	311.5	9.1	64.8	7.4	354.
9.9	15.3	3162.4	725.0	7.9	0.2	139.0	15.2	4.7	14.4	307.2	320.2	6.3	65.3	8.2	350.
10.8	15.7	3190.9	675.0	5.1	3.9	202.4	13.4	9.1	12.4	308.5	329.2	7.3	69.7	9.0	358.
11.7	41.6	3684.9	653.0	3.3	1.4	214.8	13.0	7.4	11.4	311.4	331.0	6.8	62.9	9.6	0.
12.6	44.1	4030.0	675.0	1.2	0.1	225.7	13.3	9.5	10.6	312.7	331.8	6.6	87.2	10.2	2.
13.4	47.0	4334.8	600.0	0.2	-2.3	233.9	12.4	10.0	7.3	313.4	331.9	6.2	97.7	10.9	5.
14.3	49.2	4635.1	575.0	-2.4	-3.4	228.1	14.5	10.4	10.0	317.2	332.5	5.6	23.3	11.5	8.
15.1	52.8	5027.7	550.0	-4.0	-4.9	219.6	17.7	11.0	13.9	319.2	334.1	4.9	93.7	13.1	13.
15.5	55.9	5193.3	525.0	-6.7	-14.9	215.9	20.5	12.0	16.6	320.2	325.8	1.7	38.4	14.6	16.
15.9	53.0	5773.9	500.0	-9.2	-19.6	214.9	23.2	13.3	19.1	323.1	328.4	1.6	36.9	14.4	18.
21.0	47.1	6169.5	475.0	-11.9	-20.7	215.3	23.1	12.4	18.9	323.2	326.4	0.9	27.8	17.9	17.
21.3	65.4	6580.8	453.0	-15.7	-24.5	214.2	23.7	15.6	18.6	323.2	326.4	1.2	46.5	14.6	21.
24.0	67.9	7212.8	425.0	-15.9	-18.4	233.0	21.3	16.3	13.7	328.7	327.4	2.1	60.1	21.9	23.
25.4	72.3	7468.1	400.0	-18.5	-21.3	229.3	20.6	15.7	13.4	330.5	335.8	1.7	75.0	23.3	25.
25.7	75.9	7946.6	375.0	-21.4	-24.4	224.1	20.6	14.3	14.6	332.6	337.6	1.4	75.4	24.9	27.
26.3	74.6	8441.9	350.0	-24.3	-27.6	221.8	15.2	11.8	14.4	334.7	339.6	1.1	81.1	26.6	24.
33.1	81.4	8345.9	225.0	-25.3	-31.4	222.4	21.9	14.7	16.1	334.2	339.3	0.8	80.8	24.8	24.
33.1	87.5	9452.6	300.0	-23.5	-31.4	229.4	20.2	15.3	13.1	334.2	340.2	0.5	71.5	31.3	32.
34.4	91.4	10152.4	275.0	-19.1	-14.9	241.8	18.4	16.2	8.7	338.2	349.5	99.9	55.6	31.4	32.
34.6	94.2	10453.2	250.0	-45.2	-59.4	240.1	25.0	21.7	12.5	338.2	349.5	99.9	55.6	31.4	32.
35.3	121.0	11454.3	275.0	-41.6	-59.9	247.4	29.5	26.4	13.2	339.2	349.5	99.9	55.6	31.4	32.
41.2	124.0	12247.7	200.0	-57.7	-59.9	256.3	40.3	35.2	5.6	341.4	359.5	99.9	55.6	31.4	32.
44.0	111.6	13090.9	175.0	-57.7	-59.9	266.1	42.2	42.1	2.9	354.7	359.5	99.9	55.6	31.4	32.
47.7	117.8	14054.9	150.0	-55.4	-59.9	260.3	32.8	34.3	5.5	367.2	359.5	99.9	55.6	31.4	32.
51.5	124.3	15184.6	125.0	-62.5	-63.0	263.0	23.2	23.1	2.8	381.2	359.5	99.9	55.6	31.4	32.
56.1	132.0	16546.9	100.0	-64.7	-64.9	264.8	8.6	4.5	2.2	400.8	359.5	99.9	55.6	31.4	32.
65.1	142.7	18275.5	75.0	-64.1	-64.9	152.2	3.9	-1.8	3.5	432.2	359.5	99.9	55.6	31.4	32.
73.3	153.7	20413.8	50.0	-57.3	-59.9	89.1	6.8	-6.8	-0.1	508.2	359.5	99.9	55.6	31.4	32.
83.2	161.5	25302.2	25.0	-49.6	-59.9	87.2	5.7	-9.7	-1.5	642.4	359.5	99.9	55.6	31.4	32.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE CE TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 633  
 SALES. ILLINOIS

 7 JUNE 1979  
 1405 GMT

144 30. 0

TIME MIN	CHCT	HEIGHT GPM	PHES MB	TEMP DC C	DEW PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG M	E POT T CG K	M R TIO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	7.0	175.0	907.0	22.2	21.5	170.0	6.7	-1.2	6.6	206.5	339.7	16.7	90.0	0.0	0.
00.9	8.0	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.3	9.9	282.0	975.0	22.0	21.3	175.0	10.0	-0.4	10.0	237.5	340.5	16.6	95.7	0.2	350.
1.3	11.0	908.2	950.0	20.8	20.1	193.6	12.9	3.0	12.5	298.2	339.8	15.9	55.6	0.8	1.
2.2	13.3	739.6	925.0	19.7	19.0	205.6	16.4	7.9	14.4	295.2	339.6	15.2	55.7	1.6	12.
3.1	15.5	976.2	900.0	18.4	17.7	217.3	17.3	10.5	13.7	300.5	338.5	14.3	55.5	2.5	21.
4.1	17.7	1218.4	875.0	17.4	16.7	220.6	17.2	11.2	13.1	301.5	338.8	13.8	55.4	3.4	26.
5.0	23.0	1664.4	850.0	15.7	15.0	223.0	17.4	11.9	12.7	302.4	336.9	12.7	55.6	4.4	29.
5.8	24.6	1720.6	825.0	14.1	13.5	230.9	17.5	14.4	11.7	303.5	335.7	11.9	95.8	5.2	32.
6.4	26.6	1940.0	800.0	11.8	11.3	239.5	16.2	16.2	9.6	303.7	327.2	8.5	77.6	6.2	36.
7.9	27.0	2246.4	775.0	11.7	6.5	242.0	14.8	16.6	8.8	306.4	328.5	7.9	70.6	7.4	40.
9.0	29.4	2520.4	750.0	5.5	5.0	254.3	20.4	16.5	11.9	306.5	327.6	7.3	73.3	8.6	43.
10.1	31.8	2801.2	725.0	7.9	2.7	227.7	23.0	17.0	15.5	308.2	326.5	6.4	65.4	10.0	44.
11.2	34.7	3070.1	700.0	5.4	2.2	274.4	24.1	17.6	16.5	309.5	324.8	6.4	74.4	11.7	44.
12.5	35.8	3166.4	675.0	2.6	1.2	226.4	23.0	16.6	15.9	308.2	326.3	6.2	55.5	13.4	45.
13.6	39.1	3691.1	650.0	0.9	-0.2	271.7	21.0	14.5	15.2	310.0	326.9	5.8	92.1	15.0	45.
14.4	41.9	4007.0	625.0	0.3	-0.6	221.8	20.2	13.5	15.0	312.8	330.0	5.9	94.2	16.3	45.
15.7	44.6	4334.7	600.0	-0.6	-1.4	222.2	19.1	12.8	14.2	315.4	332.5	5.8	94.5	17.5	44.
17.2	47.3	4674.7	575.0	-2.1	-2.7	220.1	17.0	10.9	13.0	317.4	334.0	5.5	55.2	19.0	44.
18.6	51.1	5277.7	550.0	-7.6	-5.3	228.2	14.5	11.3	9.8	319.4	334.1	4.7	80.6	20.4	44.
19.9	53.9	5593.6	525.0	-6.3	-10.6	240.9	13.7	11.9	6.7	320.2	331.0	3.3	71.9	21.4	45.
21.5	55.8	5774.4	500.0	-9.0	-11.4	236.7	14.7	12.2	6.0	323.2	333.4	3.2	76.5	22.6	46.
22.5	59.9	6172.0	475.0	-10.0	-12.3	233.3	16.5	13.3	9.9	325.6	335.5	3.1	83.3	23.9	46.
24.5	61.9	6507.4	450.0	-12.5	-16.4	238.3	20.9	17.8	11.0	327.5	335.2	2.4	72.8	25.8	47.
26.4	65.0	7021.5	425.0	-15.4	-21.1	241.5	21.5	18.8	10.3	329.5	334.8	1.7	61.3	24.1	48.
28.2	68.1	7477.1	400.0	-18.3	-23.6	235.0	22.1	18.1	12.7	331.2	336.1	1.4	62.7	30.5	49.
32.1	71.5	7956.3	375.0	-21.6	-26.7	226.6	21.1	19.3	14.5	333.0	337.0	1.2	63.4	33.0	49.
32.3	74.0	8460.7	350.0	-24.6	-31.5	220.5	22.8	14.8	17.3	335.6	334.6	0.8	52.4	34.7	49.
34.3	76.6	8997.8	325.0	-24.0	-35.7	226.9	23.5	18.0	15.7	338.1	340.1	0.5	47.3	36.6	49.
36.3	82.4	9566.7	300.0	-32.2	-40.7	240.6	21.0	18.3	10.3	339.4	340.0	0.4	46.6	41.1	49.
38.3	86.3	10171.9	275.0	-78.0	90.9	239.0	26.8	23.0	13.8	340.1	599.9	55.9	955.9	41.9	49.
40.3	92.5	10820.5	250.0	-43.9	90.9	219.4	32.1	27.6	16.3	340.5	599.9	99.9	955.9	47.4	50.
43.0	94.7	11517.3	225.0	-50.2	92.9	251.5	34.3	32.6	18.9	341.6	599.9	99.9	995.9	52.4	51.
45.6	99.6	12277.5	200.0	-54.4	90.9	245.1	32.5	32.1	5.6	346.7	599.9	99.9	995.9	57.4	54.
48.9	104.4	13132.3	175.0	-56.0	52.9	265.0	30.0	25.1	5.2	357.2	599.5	59.9	995.9	62.7	56.
52.3	112.3	14104.4	150.0	-59.6	52.9	256.7	28.2	27.7	5.0	367.2	599.9	59.9	995.9	65.0	58.
56.4	116.3	15241.0	125.0	-61.0	93.9	244.2	21.2	21.1	2.2	382.5	599.9	59.9	995.9	74.4	60.
61.5	121.5	16610.7	100.0	-65.3	50.9	246.8	9.3	8.2	4.3	401.6	599.9	59.9	995.9	77.9	61.
69.0	131.7	18344.9	75.0	-67.8	90.9	346.8	6.2	1.4	-6.1	404.6	599.9	59.9	995.9	80.0	61.
77.1	141.3	20027.2	50.0	-55.2	50.9	111.1	8.4	-7.6	3.0	513.4	599.9	92.9	595.9	77.2	60.
90.9	90.9	99.9	25.0	95.9	90.9	99.9	99.9	99.9	99.9	59.5	999.9	59.9	55.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433  
SALEM, ILLINOIS  
7 JUNE 1979  
1705 GMT

TIME MIN	CHTCT	WEIGHT GPH	PHES MB	TEMP DEG C	DEB AT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MP RTO CM/KC	RM PCT	RANGE KM	AZ DEG
0.0	7.4	175.0	987.9	24.7	20.8	240.0	7.7	6.7	3.9	298.5	348.6	15.9	79.0	0.0	0.
00.9	99.0	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	8.5	290.4	975.0	22.9	18.4	245.3	12.4	11.3	9.2	298.2	334.7	13.0	75.7	0.0	07.
1.4	10.6	516.0	950.0	21.1	16.4	245.9	14.2	13.0	9.8	298.2	336.0	14.2	84.4	1.1	07.
2.3	12.0	747.9	925.0	15.0	17.3	246.2	16.3	14.1	8.1	298.2	334.7	13.6	89.7	1.9	06.
3.2	15.0	943.0	900.0	14.3	16.7	238.7	17.8	15.2	9.2	300.4	331.9	11.0	79.5	2.0	03.
4.1	17.2	1225.8	875.0	18.0	12.7	238.0	19.2	15.9	10.7	302.2	331.8	10.7	71.4	3.8	02.
4.9	19.4	1474.1	850.0	16.3	11.9	233.4	20.1	16.2	11.0	303.2	335.4	11.9	85.9	4.7	00.
5.8	21.6	1724.4	825.0	15.0	11.6	233.9	19.0	15.3	11.2	304.4	333.4	10.6	80.7	5.0	59.
6.6	23.9	1989.1	800.0	14.1	9.3	237.2	17.8	15.0	9.6	306.2	331.9	9.3	72.0	6.9	59.
7.7	25.3	2257.1	775.0	12.1	9.1	235.7	19.4	15.2	10.4	305.5	333.1	9.4	81.6	7.9	58.
8.9	29.6	2531.6	750.0	5.9	7.6	229.3	18.5	14.1	12.1	307.2	331.9	8.0	85.6	9.0	50.
9.7	31.0	2813.2	725.0	6.6	7.4	228.2	21.6	16.1	14.4	309.6	334.2	9.0	91.8	10.2	57.
10.5	33.4	3103.6	700.0	7.0	5.6	228.7	22.3	16.7	15.7	310.1	333.7	8.2	91.0	11.6	56.
11.4	35.9	3402.9	675.0	5.4	3.6	228.0	21.4	15.9	15.3	311.7	332.9	7.4	88.1	12.9	55.
12.9	34.6	3711.1	650.0	3.5	1.7	228.6	21.2	15.4	15.6	312.5	332.4	6.7	88.4	14.3	56.
14.1	41.0	4028.0	625.0	1.4	-0.6	225.7	19.1	13.4	13.6	314.3	331.6	5.9	86.7	15.8	53.
15.4	43.7	4357.5	600.0	-0.1	-3.0	223.6	17.7	12.2	12.9	316.0	331.3	5.1	81.2	17.2	53.
16.7	46.3	4668.0	575.0	-1.4	-5.6	219.3	17.9	11.4	13.9	318.5	332.2	4.4	70.7	18.6	52.
18.3	49.1	5051.9	550.0	-2.7	-7.6	215.4	16.7	10.6	13.2	320.5	335.1	3.9	69.1	19.9	51.
19.3	52.0	5418.4	525.0	-5.7	-10.0	210.7	17.2	10.5	12.0	321.6	332.3	3.4	71.6	21.3	50.
20.4	54.8	5801.4	500.0	-7.0	-15.4	205.1	14.0	9.4	10.4	324.6	332.1	2.8	51.3	22.4	49.
21.0	57.7	6211.3	475.0	-8.6	-13.7	205.3	12.0	10.2	6.3	327.2	336.4	2.0	66.2	23.4	49.
21.3	60.6	6618.8	450.0	-10.4	-16.8	242.0	13.2	11.7	6.2	329.5	337.4	2.3	60.3	24.4	50.
24.4	63.9	7058.3	425.0	-13.4	-20.5	237.8	17.1	14.4	9.1	331.8	337.7	1.8	55.0	25.8	50.
26.3	66.9	7514.8	400.0	-17.2	-23.2	237.4	18.6	15.7	9.9	332.7	337.7	1.5	59.3	27.5	51.
27.9	71.3	7995.6	375.0	-21.0	-25.1	237.3	16.4	15.5	9.9	333.8	338.6	1.3	69.6	29.3	51.
29.7	71.7	8402.0	350.0	-24.5	-31.0	245.6	17.1	15.6	7.1	337.7	334.6	0.8	55.0	30.9	52.
31.4	77.3	9038.1	325.0	-28.4	-35.9	248.1	20.1	16.7	7.5	337.5	339.5	0.5	48.5	32.9	53.
33.3	81.0	9606.1	300.0	-33.3	-40.3	248.7	22.9	21.0	9.0	338.5	339.9	0.4	48.8	35.2	54.
35.2	84.9	10211.5	275.0	-38.2	-44.9	248.9	23.0	21.2	9.8	339.9	340.9	0.2	48.8	37.0	55.
37.4	89.0	10860.3	250.0	-43.4	-49.9	250.4	22.6	27.0	9.6	341.6	340.9	0.9	559.9	41.0	56.
39.6	93.3	11560.5	225.0	-49.4	-54.9	255.6	33.7	32.7	8.4	342.8	340.9	0.9	559.9	45.0	57.
41.9	98.0	12323.7	200.0	-52.4	-59.9	265.5	26.2	28.2	1.7	349.6	349.9	0.9	559.9	49.2	59.
44.9	102.8	13179.4	175.0	-51.5	-59.9	271.4	26.6	26.6	-0.7	356.7	349.9	0.9	559.9	53.3	62.
47.9	104.5	14156.6	150.0	-59.0	-59.9	256.8	31.0	20.4	4.0	368.2	349.9	0.9	559.9	56.9	64.
51.4	114.5	15285.0	125.0	-63.8	-59.9	259.7	19.4	19.1	3.5	379.2	349.9	0.9	559.9	61.8	65.
55.4	121.3	16648.5	100.0	-66.5	-59.9	253.5	11.6	11.1	3.3	399.2	349.9	0.9	559.9	64.9	65.
60.5	129.5	18405.4	75.0	-62.6	-59.9	158.9	5.8	-2.1	4.6	411.6	349.9	0.9	559.9	66.9	65.
68.1	139.5	20918.3	50.0	-52.1	-59.9	108.0	7.2	-6.8	2.3	811.4	349.9	0.9	559.9	65.1	66.
78.2	131.5	25453.6	25.0	-45.3	-59.9	82.7	12.9	-12.0	-1.4	433.6	349.9	0.9	559.9	61.3	61.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433  
SALEM, ILLINOIS7 JUNE 1979  
2005 GMT

TIME MIN	CHCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	POT R DEG K	MR STD CM/KG	RM PCT	RANGE KM	AZ DEG
0-0	7-9	175-0	987.4	27-8	20-9	210-0	7-2	3-6	0-2	322-6	344-5	14-0	66-0	0-8	0-
99-9	99-9	1800-8	1000-8	59-9	59-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
0-5	3-2	288-9	575-0	26-4	20-2	211-7	10-3	7-9	12-2	301-7	343-1	15-6	69-0	0-4	27-
1-1	11-5	517-9	950-0	23-9	19-0	218-5	13-1	7-4	10-0	301-4	340-8	14-0	74-3	0-9	30-
2-1	13-9	750-9	925-0	21-6	18-5	220-0	12-0	7-9	9-1	301-4	340-6	14-7	82-9	1-5	33-
2-3	16-3	908-7	900-0	19-8	14-3	230-6	12-3	9-5	7-6	301-5	341-7	14-9	91-3	2-1	37-
3-9	18-8	1231-8	875-0	17-9	16-1	242-5	13-4	13-7	7-1	302-4	338-1	13-3	89-2	2-9	43-
4-9	21-2	1480-3	850-0	17-2	14-0	245-0	19-8	17-9	0-3	304-1	336-6	11-9	61-6	3-8	49-
5-4	23-9	1735-6	825-0	15-4	13-2	247-1	23-8	21-1	11-2	304-5	336-0	11-7	66-9	5-1	52-
6-8	26-3	1566-6	800-0	13-8	12-4	241-9	24-7	21-8	11-6	305-5	337-2	11-4	91-0	4-6	54-
7-8	29-9	2264-5	775-0	12-2	10-9	241-6	24-0	21-1	11-4	306-5	336-4	10-7	52-0	7-9	56-
9-6	31-5	2539-5	750-0	10-3	8-5	235-9	27-8	24-1	13-9	307-7	333-9	9-4	86-7	9-3	56-
9-4	34-1	2871-6	725-0	5-0	6-6	238-6	28-6	22-7	13-8	309-2	333-3	8-5	85-2	10-7	57-
10-5	36-9	3112-0	700-0	7-2	5-6	237-8	24-0	20-3	12-8	310-4	333-7	8-2	89-6	12-2	57-
11-5	39-8	3411-3	675-0	5-9	3-4	241-3	22-5	19-7	10-0	312-3	333-3	7-3	83-6	13-6	57-
12-7	42-3	3720-3	650-0	4-3	1-4	251-9	18-9	17-9	5-9	313-6	332-9	6-6	81-6	15-1	56-
14-0	44-2	4039-7	625-0	2-0	-0-2	259-8	16-7	16-4	3-3	315-5	333-0	6-1	79-3	16-3	59-
15-6	44-1	4369-7	600-0	0-6	-1-2	258-6	17-7	17-2	4-4	316-4	334-3	5-9	87-8	17-7	61-
16-7	51-0	4710-9	575-0	-1-1	-2-8	253-9	17-6	17-5	3-4	318-7	335-1	5-4	84-1	19-0	62-
18-0	54-1	5064-6	550-0	-4-0	-5-4	250-8	18-9	18-6	3-7	319-4	333-5	4-7	85-8	20-6	63-
19-2	57-1	5430-3	525-0	-6-4	-12-0	250-7	19-2	18-7	4-4	320-5	330-0	3-1	69-7	21-7	64-
20-5	60-3	5811-2	500-0	-6-8	-43-9	257-7	19-7	19-3	4-2	324-7	325-4	0-2	3-8	23-3	65-
22-0	63-6	6210-7	475-0	-8-4	-55-3	261-2	18-3	16-1	2-5	327-2	327-7	0-0	1-0	24-8	66-
23-5	67-8	6627-6	450-0	-11-1	-42-7	263-9	16-5	14-6	1-5	329-2	330-1	0-2	5-3	26-1	67-
25-2	73-6	7069-2	425-0	-12-2	-50-5	273-2	15-7	15-7	-0-9	332-1	332-4	0-1	22-6	27-5	69-
26-9	78-0	7523-7	400-0	-16-7	-60-5	275-7	16-1	16-0	-1-0	333-2	333-4	0-0	1-0	29-0	69-
28-7	77-7	8004-9	375-0	-20-9	-69-1	278-4	16-2	16-2	-0-1	335-1	335-2	0-0	1-6	30-6	71-
32-4	81-5	8912-8	350-0	-23-9	-65-2	268-2	16-7	16-7	1-1	336-2	334-6	0-0	1-3	32-2	72-
32-1	85-5	9046-5	325-0	-28-2	-61-3	268-8	10-0	15-9	1-4	337-4	337-9	0-0	2-6	33-8	72-
34-1	83-7	9618-4	300-0	-32-7	-45-7	268-8	19-7	16-4	3-8	339-4	340-7	0-4	44-0	35-8	73-
36-2	90-0	10225-2	275-0	-37-2	-45-4	263-2	25-0	24-8	3-0	341-2	342-2	0-2	40-8	38-8	73-
39-4	98-6	10976-5	250-0	-42-5	99-9	268-1	28-1	26-1	0-9	342-4	999-9	59-9	99-9	42-0	74-
40-7	101-6	11580-3	225-0	-47-6	99-9	268-8	22-8	22-8	0-1	345-6	999-9	59-9	99-9	45-3	75-
43-2	109-3	12353-9	200-0	-50-9	99-9	248-7	22-0	22-0	0-5	352-1	999-9	59-9	99-9	48-4	76-
46-8	118-8	13211-6	175-0	-56-7	99-9	261-3	23-6	23-5	-1-3	356-4	999-9	59-9	99-9	52-4	78-
49-2	121-0	14160-5	150-0	-60-8	99-9	261-3	21-7	21-5	1-3	365-4	999-9	59-9	99-9	56-6	78-
53-3	125-0	15310-8	125-0	-61-5	99-9	260-8	17-5	17-3	2-8	383-6	999-9	59-9	99-9	63-9	79-
57-4	136-0	16673-6	100-0	-67-5	99-9	272-1	12-7	12-6	-0-5	399-2	999-9	59-9	99-9	65-0	79-
62-9	145-3	17630-7	75-0	-64-3	50-9	133-7	3-1	-2-2	2-1	438-1	949-6	59-9	59-9	67-0	79-
70-6	155-0	23666-0	50-0	-54-9	99-9	168-5	6-6	-8-3	1-9	464-2	999-9	59-9	99-9	65-7	78-
82-4	165-0	25677-8	25-0	-46-8	99-9	99-9	99-9	99-9	99-9	650-2	999-9	59-9	99-9	60-7	77-

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE 66 TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 423  
SALEM, ILLINOIS  
7 JUNE 1979  
2305 GMT

TIME MIN	CHITZ	WEIGHT GPH	PHES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPD M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DEG C	E POT T DEG C	MR STD CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	9.2	175.0	987.2	27.8	20.1	210.0	7.7	3.8	6.7	302.1	342.7	15.2	63.9	0.0	3.0
0.9	9.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	12.3	285.2	575.0	25.9	18.2	215.8	5.7	6.1	7.3	301.2	337.6	13.6	62.6	0.3	3.0
1.2	12.4	513.6	990.0	23.2	16.2	223.5	11.2	8.5	7.3	300.2	338.0	14.0	73.4	0.4	4.2
2.2	12.6	746.4	925.0	21.4	14.4	235.8	13.6	11.3	7.7	331.2	350.1	14.6	83.4	1.5	4.2
3.0	14.4	934.2	900.0	20.1	13.2	233.4	14.6	12.6	7.4	302.1	339.6	13.9	83.7	2.2	5.2
4.1	14.0	1227.5	875.0	18.8	13.2	238.9	14.5	13.5	5.3	303.1	333.2	11.0	70.1	3.1	5.0
5.0	21.1	1476.9	850.0	18.3	10.5	255.6	14.6	15.1	3.9	305.3	331.4	9.4	60.2	3.9	5.0
5.9	23.5	1772.5	825.0	16.6	9.4	257.6	15.0	14.6	3.2	306.1	331.2	9.0	62.6	4.6	6.1
6.7	25.9	1994.3	800.0	15.2	8.1	255.7	15.5	13.6	2.5	307.4	331.2	8.5	62.3	5.4	6.1
7.6	24.2	2263.0	775.0	13.7	6.6	265.5	13.6	13.5	1.1	338.5	331.0	7.9	62.1	6.2	6.2
8.4	32.5	2519.1	750.0	12.3	6.7	267.4	14.7	14.6	0.7	339.5	331.5	7.2	62.1	7.0	6.2
9.3	32.9	2422.4	725.0	10.4	3.4	269.9	14.4	15.4	0.3	312.6	330.3	6.8	63.8	8.0	7.1
10.2	37.4	2613.2	700.0	8.3	1.7	268.4	14.4	14.8	0.9	311.7	329.8	6.2	63.1	9.1	7.1
11.2	37.9	3613.8	675.0	6.3	1.7	267.4	14.2	14.2	0.6	312.7	331.4	6.6	72.3	10.1	7.0
12.3	37.9	3613.8	650.0	6.3	1.7	267.4	14.0	14.0	0.5	314.2	331.4	5.7	67.1	10.9	7.0
13.4	43.6	4123.1	625.0	5.0	-0.9	267.9	14.0	14.0	0.4	316.2	333.3	5.7	73.6	11.9	7.2
14.5	43.0	4342.8	625.0	3.3	-0.9	268.5	14.2	14.3	0.4	316.2	333.3	4.5	61.7	13.0	7.2
15.9	43.7	4333.7	600.0	1.4	-4.7	271.2	15.7	15.6	-0.9	318.2	331.8	4.3	61.7	14.1	7.2
17.2	44.3	4716.6	575.0	0.0	-5.9	277.6	14.1	15.9	-2.4	320.0	331.2	4.3	61.7	14.1	7.2
18.4	51.1	5071.4	550.0	-1.1	-27.7	291.4	14.0	13.7	-2.8	322.0	325.6	0.8	15.3	15.1	8.1
19.6	51.9	5460.3	525.0	-4.0	-27.3	292.3	14.9	14.4	-3.1	323.6	326.2	0.8	14.2	16.0	8.2
20.8	51.9	5924.2	500.0	-4.0	-37.7	292.1	14.1	13.6	-2.9	326.2	327.3	0.3	7.8	17.0	8.3
22.3	53.8	6124.1	475.0	-6.2	-45.1	277.8	12.3	12.2	-1.7	327.8	328.0	0.0	1.0	18.1	4.8
23.8	61.8	6441.5	450.0	-11.1	-46.9	272.3	10.4	10.8	-0.4	329.1	329.5	0.0	1.0	19.1	4.5
25.2	63.9	7077.9	425.0	-13.9	-41.1	272.9	8.5	8.9	-0.5	331.1	331.4	0.1	2.7	20.0	4.5
26.8	64.1	7535.5	400.0	-17.4	-60.4	291.2	5.9	9.6	-1.9	332.3	337.4	0.0	1.1	20.7	8.0
28.2	72.4	8316.1	375.0	-20.8	-48.6	273.3	10.7	10.7	-0.6	334.1	334.4	0.1	3.0	21.7	8.0
29.8	73.9	8521.5	350.0	-25.2	-58.7	266.3	11.3	11.3	0.7	334.8	335.0	0.0	2.7	22.7	8.0
31.2	79.4	9036.1	325.0	-24.6	-49.6	274.2	13.2	13.2	0.9	337.2	337.8	0.1	14.0	23.7	8.0
32.8	81.1	9624.3	300.0	-33.2	-36.0	256.7	14.2	17.7	4.2	338.5	340.7	0.6	75.9	25.1	8.0
34.7	87.0	12731.6	275.0	-36.7	-41.8	253.1	21.4	21.2	9.9	342.1	343.1	0.3	47.0	27.2	8.0
36.6	91.2	10664.0	250.0	-47.0	-51.9	251.2	22.2	21.0	7.2	342.1	343.1	0.3	47.0	27.2	8.0
38.1	93.5	11567.0	225.0	-47.2	-59.9	270.7	20.2	20.2	-0.2	346.2	349.9	95.9	95.9	31.1	8.1
41.7	103.2	12356.9	200.0	-52.0	-59.9	272.7	20.1	20.1	-0.9	350.4	354.6	59.9	55.9	31.1	9.0
44.8	109.2	13213.1	175.0	-54.0	-59.9	270.6	21.9	21.9	-4.8	354.3	359.9	93.9	95.9	34.9	9.0
48.3	113.8	14173.1	150.0	-62.2	-59.9	273.2	21.4	21.4	-1.2	361.2	361.2	59.9	95.9	44.3	9.0
52.0	118.8	15293.3	125.0	-64.1	-59.9	254.8	17.9	17.4	3.4	378.5	393.6	59.9	55.9	49.0	8.7
56.7	123.0	16641.4	100.0	-68.7	-59.9	262.3	10.2	10.1	1.4	395.0	395.0	59.9	55.9	53.3	8.0
62.7	132.0	18142.5	75.0	-61.3	-59.9	184.8	2.9	-1.5	2.5	444.4	444.4	59.9	55.9	54.2	8.0
73.7	142.0	20024.2	50.0	-54.4	-59.9	93.2	4.7	-4.6	0.7	510.6	510.6	93.9	95.9	52.4	8.0
82.9	154.0	25413.6	25.0	-47.9	-59.9	93.1	11.4	-11.3	-1.4	646.5	549.9	95.9	95.9	46.4	8.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
CONTAINED IN

STATION NO. 433  
SALEM, ILLINOIS0 JUNE 1979  
205 GMT

160 10. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT V DEG K	E POT V DEG K	WIND G/SEC	RM PCT	RANGE KM	AZ DEG
0-0	0-0	115.0	900.0	22.6	19.9	210.0	2.4	1.3	2.3	396.6	335.8	15.0	65.0	0.0	0.
99.9	99.9	99.9	1000.0	59.9	99.9	99.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0-0	0-0	307.4	975.0	26.4	19.3	230.5	8.0	6.7	4.4	299.9	338.0	14.4	72.5	0.2	43.
1-2	11.0	535.2	950.0	21.2	18.5	246.9	11.5	10.5	4.5	300.7	338.7	14.3	75.0	0.4	57.
2-0	14.1	768.1	925.0	21.4	18.7	253.1	13.9	13.2	4.0	301.4	341.1	14.9	81.9	1.2	63.
2-0	16.0	1008.1	900.0	20.4	17.5	261.2	15.8	14.8	2.3	303.1	341.1	14.1	80.6	1.9	64.
3-7	19.3	1250.4	875.0	17.5	15.9	263.1	16.2	14.1	1.5	304.1	339.8	13.1	75.3	2.7	73.
4-0	21.9	1500.1	850.0	17.7	15.2	262.1	14.4	14.2	2.0	304.7	339.8	12.9	65.1	3.5	76.
5-7	24.6	1755.6	825.0	15.7	13.9	259.1	13.4	13.4	2.6	305.2	336.6	12.7	65.6	4.3	76.
6-7	27.1	2012.0	800.0	13.0	12.1	262.3	13.1	13.0	1.8	305.8	336.7	11.2	95.0	5.2	77.
7-6	29.0	2264.1	775.0	12.4	9.9	266.7	11.7	11.6	0.7	307.2	335.5	10.0	65.2	5.9	78.
8-4	31.6	2561.1	750.0	12.5	4.5	273.0	11.9	11.9	-0.4	310.1	329.1	6.6	54.4	6.5	76.
9-6	34.2	2864.8	725.0	10.0	1.5	277.0	13.2	13.0	-1.8	310.5	330.7	7.1	65.0	7.2	81.
10-6	37.9	3135.4	700.0	7.6	3.7	283.5	13.6	13.1	-3.4	310.5	333.8	6.9	74.0	7.9	81.
11-7	42.0	3434.0	675.0	5.3	3.7	291.7	14.9	13.5	-5.9	311.6	333.2	7.5	84.3	8.1	86.
12-0	43.6	3763.0	650.0	2.9	2.1	291.5	15.3	14.0	-6.1	312.2	332.1	6.9	94.5	9.7	89.
13-0	46.6	4060.7	625.0	1.1	-1.7	295.0	16.0	13.5	-3.8	313.7	327.4	4.7	70.5	10.7	91.
15-2	48.5	4377.7	600.0	-1.3	-4.2	291.5	12.6	12.3	-2.5	314.4	328.4	4.7	60.7	11.6	92.
16-4	51.6	4775.6	575.0	-4.0	-7.6	289.2	11.4	11.0	-3.0	315.2	328.7	3.8	76.3	12.5	92.
17-7	54.6	5176.5	550.0	-3.5	-24.1	289.1	5.7	9.1	-3.2	320.0	328.2	0.6	11.9	13.3	93.
19-0	59.0	5666.3	525.0	-3.0	-49.3	294.5	11.0	10.0	-4.9	323.5	324.2	0.1	1.4	14.0	94.
20-3	62.1	5937.0	500.0	-6.7	-41.0	302.8	11.1	9.3	-6.0	324.5	325.7	0.2	4.5	14.4	96.
21-0	63.5	6175.9	475.0	-9.2	-47.6	296.1	9.4	8.9	-4.3	326.8	327.0	0.1	2.7	15.7	97.
23-2	69.9	6841.4	450.0	-12.3	-47.3	279.6	8.2	9.1	-0.9	327.8	328.3	0.1	3.5	16.5	98.
24-0	72.6	7076.1	425.0	-14.5	-54.5	278.5	5.2	9.1	-1.5	330.2	330.6	0.1	1.8	17.3	97.
26-4	76.0	7532.0	400.0	-17.2	-52.1	270.1	9.4	8.3	-1.5	331.6	332.1	0.1	3.2	18.2	99.
27-0	78.8	8011.9	375.0	-21.4	-53.4	277.3	5.6	9.8	-1.2	333.2	333.5	0.1	3.7	19.1	98.
29-7	83.7	8518.9	350.0	-25.4	-48.5	266.5	10.7	10.7	0.7	335.1	335.7	0.1	9.9	20.2	98.
31-0	87.9	9150.9	325.0	-29.4	-36.4	248.9	12.9	11.8	4.3	336.2	336.1	0.5	49.9	21.6	96.
33-0	92.3	9617.4	300.0	-33.0	-71.1	254.9	16.9	14.0	3.8	338.5	338.0	0.0	1.0	23.1	94.
36-1	95.6	10233.7	275.0	-37.5	-74.2	263.2	15.0	14.9	1.3	340.8	340.9	0.0	99.9	25.0	93.
38-3	101.6	10875.5	250.0	-41.5	92.9	278.0	20.0	20.0	-1.4	344.4	340.9	59.9	99.9	27.2	93.
43-9	106.6	11591.7	225.0	-46.5	52.9	265.7	30.2	25.1	-8.2	347.2	338.9	95.9	95.9	30.6	94.
43-7	111.9	12356.6	200.0	-52.2	52.9	263.5	37.1	35.0	-12.4	350.1	338.9	99.9	95.9	36.5	94.
46-0	117.8	13077.0	175.0	-58.7	52.9	271.2	40.7	37.9	-14.7	353.0	338.9	99.9	95.9	41.5	94.
52-3	124.0	14157.6	150.0	-65.3	54.3	277.4	31.8	30.4	-9.5	357.4	338.9	99.9	95.9	51.8	101.
44.5	131.3	14762.2	125.0	-68.7	94.9	263.6	20.4	20.6	0.1	374.2	340.9	99.9	99.9	57.9	100.
49.3	139.4	16004.5	100.0	-67.2	51.9	270.3	8.2	8.2	-0.0	397.2	340.9	99.9	99.9	62.3	100.
45.4	147.3	16384.5	75.0	-65.9	54.9	161.4	3.4	-1.1	3.2	434.8	340.9	99.9	95.9	62.5	100.
48.5	156.3	20657.5	50.0	-51.7	99.9	71.4	5.1	-4.5	-1.6	505.2	340.9	99.9	95.9	60.2	94.
49.2	165.0	25339.9	25.0	-50.8	52.9	88.2	11.8	-11.9	-0.0	638.7	340.9	95.9	95.9	51.9	101.

0-10 SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

0-99 TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00-99 SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG



STATION NO. 433  
SALEM, ILLINOIS  
8 JUNE 1979  
505 GMT

TIME MIN	CHCY	WEIGHT GPM	PHES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT T DEG K	W RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	1.7	175.0	991.0	22.8	20.3	170.0	2.6	-0.5	2.6	298.7	15.4	86.0	0.0	0.0
99.9	99.9	99.9	1000.0	59.9	59.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	9.2	318.1	975.0	24.3	22.9	227.4	7.3	5.4	6.9	299.6	342.3	81.3	0.2	359.0
1.3	11.5	546.8	950.0	24.2	22.9	229.0	9.1	6.8	6.1	301.7	349.1	89.0	0.5	31.0
2.3	13.9	781.1	925.0	22.8	21.9	232.8	10.6	6.5	6.4	302.6	351.1	94.8	1.1	41.0
3.1	16.3	1020.7	900.0	21.1	20.3	242.1	11.4	10.1	5.4	303.3	348.9	94.9	1.6	46.0
3.9	18.6	1264.7	875.0	19.5	19.1	252.1	10.7	10.4	2.8	304.1	344.9	91.5	2.2	52.0
4.2	21.2	1514.7	850.0	17.6	16.3	261.5	6.3	6.2	1.2	304.2	342.2	92.6	2.6	57.0
5.8	23.7	1770.1	825.0	15.5	14.6	259.7	7.7	7.6	1.4	305.0	339.8	94.4	3.0	61.0
6.6	25.9	2031.6	800.0	13.8	11.9	251.9	4.3	6.8	2.9	307.5	313.3	94.6	3.5	61.0
7.6	28.9	2259.6	775.0	12.7	11.9	244.6	6.2	7.8	2.9	307.4	318.9	94.7	4.0	64.0
8.6	31.3	2574.1	750.0	11.6	7.9	256.1	7.0	6.8	1.7	309.1	327.1	94.7	4.4	64.0
9.7	34.0	2857.3	725.0	11.2	2.1	262.6	7.8	7.7	1.0	311.6	329.8	93.4	4.9	66.0
10.7	36.7	3150.3	700.0	6.6	1.5	265.7	9.3	9.2	0.7	312.0	329.8	91.0	5.3	67.0
11.4	39.4	3457.0	675.0	6.1	-0.5	269.6	9.8	9.8	0.1	312.4	329.8	82.5	5.9	70.0
13.0	42.2	3756.1	650.0	1.6	-0.4	272.0	10.0	10.0	-0.4	312.6	329.8	76.4	6.6	72.0
14.2	45.1	4075.5	625.0	1.4	-0.0	280.9	5.2	0.0	-1.7	313.6	324.9	70.2	7.3	74.0
15.4	47.9	4404.3	600.0	1.6	-3.7	303.9	9.9	6.2	-5.5	316.0	319.8	60.5	7.7	77.0
16.7	50.9	4745.3	575.0	-0.9	-10.6	311.6	11.1	8.3	-7.4	319.0	324.8	49.0	8.3	82.0
17.9	53.9	5094.6	550.0	-3.2	-24.4	311.1	9.7	7.3	-6.4	320.4	323.0	44.2	9.0	85.0
19.2	57.0	5464.5	525.0	-6.1	-31.8	309.8	6.3	6.5	-5.2	321.1	321.2	40.0	9.3	84.0
20.5	60.1	5840.2	500.0	-7.5	-59.1	303.0	8.2	7.1	-4.1	323.4	325.3	30.0	9.8	91.0
22.3	63.4	6244.9	475.0	-9.6	-55.9	282.4	8.6	7.8	-1.7	326.2	326.9	20.0	10.5	92.0
23.7	65.8	6660.3	450.0	-11.9	-57.5	253.7	9.6	9.2	2.7	328.2	328.4	10.0	11.3	92.0
25.2	70.1	7196.5	425.0	-13.9	-58.7	287.1	9.8	9.2	3.9	331.1	331.2	0.0	12.2	93.0
26.9	73.7	7553.2	400.0	-17.7	-61.2	259.7	10.0	9.3	3.5	332.0	332.1	0.0	13.3	84.0
28.4	77.4	8032.9	375.0	-21.3	-63.5	251.5	11.3	11.2	1.7	333.4	333.4	0.0	14.1	87.0
30.1	81.2	8537.9	350.0	-24.6	-65.6	265.7	12.3	12.3	0.1	335.2	335.4	0.0	15.3	87.0
31.9	85.1	9071.6	325.0	-28.9	-69.5	270.3	14.4	14.4	-0.1	336.6	336.9	0.0	16.6	84.0
33.9	89.2	9640.2	300.0	-32.6	-70.7	277.0	17.3	17.1	-2.1	339.6	339.8	0.0	18.6	84.0
36.1	93.5	10746.0	275.0	-36.6	-73.5	285.9	21.3	20.5	-5.8	342.2	342.3	0.0	21.1	90.0
38.5	98.0	10900.7	250.0	-42.0	-59.9	288.4	26.6	25.3	-6.4	343.7	343.9	99.9	24.4	92.0
42.4	102.8	11607.3	225.0	-47.2	59.9	291.9	27.4	26.8	-5.6	346.1	346.1	99.9	27.9	94.0
43.3	105.0	12377.0	200.0	-52.6	59.9	285.4	32.9	31.0	-10.9	347.1	347.1	99.9	32.4	95.0
46.5	113.5	13265.1	175.0	-54.8	59.9	303.8	36.1	31.0	-18.5	348.2	348.2	99.9	37.3	99.0
49.5	119.5	14174.9	150.0	-68.0	99.9	298.3	31.1	29.5	-9.8	354.2	354.2	99.9	44.1	102.0
51.3	126.3	15275.6	125.0	-67.8	59.9	291.2	22.7	22.3	-4.4	357.2	357.2	99.9	51.2	102.0
57.4	133.7	16606.9	100.0	-69.3	99.9	294.9	7.1	6.9	1.9	363.6	363.6	99.9	54.7	101.0
61.3	142.3	18142.1	75.0	-67.3	59.9	150.2	4.9	-2.4	4.2	435.6	435.6	99.9	51.4	101.0
70.2	152.0	20447.8	50.0	-58.5	59.9	85.4	7.2	-7.2	-0.6	505.4	505.4	99.9	2.6	101.0
80.4	162.5	25298.4	25.0	-51.2	59.9	67.1	13.3	-13.3	-0.7	637.7	637.7	99.9	14.2	102.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE & TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433  
SALEM, ILLINOIS  
8 JUNE 1979  
005 CBT

TIME MIN	CATCT	HEIGHT CMH	PROS NO	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT V DEG M	E POT V DEG K	MN RTO GR/KG	RN PCT	RANGE KM	AZ DEG
0.0	7.4	179.0	991.2	22.1	21.0	130.0	2.1	-1.0	1.3	290.0	339.1	10.7	97.0	0.0	0.0
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
3.4	0.0	119.1	575.0	22.2	21.5	179.4	9.0	-0.1	9.5	297.1	341.3	10.8	95.0	0.2	34.1
1.2	11.2	548.4	540.0	21.2	22.0	211.5	14.6	7.7	12.6	300.7	348.8	10.3	95.3	0.6	0.0
1.9	11.5	715.6	425.0	21.7	20.9	227.6	17.1	12.0	11.5	301.2	348.7	17.1	95.1	1.4	29.0
2.7	15.9	1014.5	900.0	21.1	20.2	233.4	18.4	11.0	6.6	303.4	348.7	16.9	95.0	2.0	30.0
3.4	15.3	1241.8	675.0	15.2	18.4	236.5	12.7	10.0	7.0	303.4	345.2	11.4	94.7	2.7	41.0
9.5	20.7	1512.7	850.0	17.8	16.9	239.7	11.9	10.1	6.2	304.4	343.9	14.5	94.5	7.3	44.0
5.2	23.2	1776.2	825.0	15.8	14.9	239.7	9.6	8.3	4.8	305.2	340.5	12.9	93.7	3.8	46.0
6.2	25.7	2010.0	800.0	14.4	13.2	237.9	9.4	8.0	5.9	306.2	339.7	12.1	93.0	6.3	48.0
7.1	28.2	2798.6	775.0	12.3	10.7	240.8	9.2	6.1	4.5	308.1	337.4	10.5	90.1	4.9	49.0
8.0	32.0	2575.1	750.0	12.5	7.3	243.6	8.8	7.9	3.9	310.2	334.7	8.6	70.5	5.3	50.0
9.0	33.4	2455.3	725.0	11.0	5.8	249.1	10.1	9.5	3.6	311.2	334.5	6.0	70.5	9.8	52.0
9.9	36.1	3159.0	700.0	9.0	4.1	252.5	10.5	10.0	3.2	312.2	333.7	7.4	71.2	6.4	53.0
11.1	39.4	3452.5	675.0	7.1	2.9	246.5	5.6	8.0	3.0	313.4	333.9	7.0	74.6	7.1	55.0
13.4	41.0	3762.1	650.0	4.5	3.3	247.2	7.3	4.8	2.8	314.1	335.8	7.5	91.7	7.7	56.0
13.5	41.6	4081.7	625.0	2.0	1.4	271.8	5.7	5.7	-0.2	315.5	335.9	6.8	89.3	8.1	57.0
14.6	47.2	4417.1	600.0	0.8	-0.5	307.7	4.4	3.5	-0.7	317.1	335.4	6.2	90.4	8.3	58.0
16.3	53.2	4752.6	575.0	-0.3	-12.7	326.6	4.1	2.3	-0.4	319.4	327.5	2.5	35.5	8.4	61.0
17.2	51.1	5108.4	550.0	-2.1	-7.2	316.7	3.7	2.5	-0.7	321.4	334.1	4.1	68.4	8.4	63.0
18.5	56.3	5476.5	525.0	-4.6	-11.5	278.5	6.4	4.3	-0.6	322.9	332.5	3.0	58.1	9.3	65.0
19.9	59.4	5859.3	500.0	-6.7	-11.8	253.5	6.4	6.1	1.0	324.5	334.8	7.1	64.6	9.7	65.0
21.4	61.6	6256.9	475.0	-8.9	-10.5	255.1	6.1	7.8	2.1	327.0	330.1	0.9	22.2	9.4	66.0
22.8	65.9	6675.7	450.0	-11.2	-9.0	245.1	9.0	8.2	3.8	329.1	329.3	0.0	1.0	10.4	66.0
25.4	67.3	7111.9	425.0	-14.0	-9.8	235.9	6.1	6.7	4.6	331.6	331.1	0.0	1.0	11.2	66.0
25.9	72.0	7508.0	400.0	-17.7	-11.2	238.4	6.1	6.4	4.3	332.0	332.1	0.0	1.0	11.9	65.0
27.2	74.6	8048.0	375.0	-21.6	-16.5	259.3	10.7	10.4	2.0	333.0	335.0	0.5	30.7	12.6	65.0
28.0	77.3	8594.2	350.0	-23.8	-20.6	265.6	6.1	6.1	0.5	336.4	339.9	0.9	53.7	13.6	67.0
33.5	84.3	9090.9	325.0	-27.8	-22.3	324.5	1.2	1.0	-1.4	338.4	341.2	0.4	64.7	13.6	67.0
38.2	92.5	9635.4	300.0	-31.3	-30.3	307.5	9.2	4.1	-1.2	341.3	342.9	0.4	44.7	13.8	68.0
39.1	92.4	10273.1	275.0	-35.4	-41.5	297.5	12.3	11.7	-0.7	344.6	345.1	0.3	42.8	14.9	71.0
39.3	97.4	10929.9	250.0	-41.3	-49.9	285.3	17.7	17.1	-0.7	349.7	349.9	99.9	99.9	16.3	75.0
39.7	102.2	11635.5	225.0	-47.0	-59.9	280.0	22.7	22.4	-0.0	350.2	349.9	99.9	99.9	16.8	79.0
41.5	107.5	12405.5	200.0	-52.2	-59.9	284.8	23.6	24.8	-0.5	353.7	349.9	99.9	99.9	23.0	83.0
44.4	113.3	13257.9	175.0	-58.3	-59.9	289.7	20.5	19.3	-0.8	353.7	349.9	99.9	99.9	23.0	84.0
47.4	119.5	14211.9	150.0	-65.0	-59.9	281.8	16.3	17.9	-0.7	356.7	349.9	99.9	99.9	29.7	89.0
50.7	126.3	15245.3	125.0	-70.9	-59.9	246.4	11.6	18.8	-5.5	360.7	349.9	99.9	99.9	31.4	90.0
54.4	134.0	16611.7	100.0	-65.6	-59.9	223.0	6.5	4.2	5.0	363.2	349.9	99.9	99.9	36.2	92.0
63.0	143.0	14157.4	75.0	-64.5	-59.9	259.6	3.8	3.6	0.7	433.4	349.9	99.9	99.9	36.3	89.0
68.1	151.3	20954.9	50.0	-60.9	-59.9	46.9	8.5	-8.5	-0.5	500.0	349.9	99.9	99.9	33.8	90.0
81.9	166.3	25320.9	25.0	-51.2	-51.9	99.9	99.9	99.9	99.9	637.5	349.9	99.9	99.9	26.6	90.0

00 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
00 BY TEMP MEANS TEMPERATURE AT TIME PAVE REF. INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433  
SALEM, ILLINOIS8 JUNE 1978  
1105 GMT

TIME MIN	CMTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PGT 1 DEG K	R PGT 1 DEG K	MX BYD GPH/KG	RM PGT	RANGE KM	AZ DEG
0.0	7.6	175.0	992.4	22.6	22.1	160.0	3.6	-1.2	3.4	296.4	340.8	17.2	97.0	0.0	0.0
0.9	9.9	99.0	1000.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	9.3	330.2	675.0	22.3	22.3	217.1	12.2	7.3	9.7	298.2	344.4	17.7	96.3	0.3	13.0
1.2	11.8	457.7	650.0	22.8	22.2	227.1	13.6	10.0	9.3	300.2	347.8	18.0	96.5	0.8	31.0
2.0	14.3	791.2	625.0	22.4	21.7	240.6	12.7	10.1	6.2	302.2	350.0	18.0	96.1	1.4	42.0
2.7	16.8	1030.9	600.0	22.0	20.7	246.1	10.7	9.6	4.7	304.2	350.7	17.4	92.2	1.9	48.0
3.5	19.2	1276.2	575.0	20.3	19.2	246.9	7.6	6.9	3.3	304.5	348.8	16.3	53.4	2.3	31.0
4.3	21.8	1526.7	550.0	18.2	17.2	238.2	6.2	5.3	3.3	304.2	345.2	14.8	54.2	2.6	53.0
5.2	24.4	1762.6	525.0	16.3	15.4	228.9	6.5	4.9	4.3	305.6	342.7	13.5	54.4	2.9	53.0
6.3	27.1	2048.9	500.0	14.5	13.4	222.7	9.6	7.1	6.6	306.6	340.1	12.2	52.8	3.2	52.0
6.8	29.7	2313.8	475.0	14.1	6.0	232.7	11.3	9.0	6.9	309.6	333.7	8.8	66.6	3.8	52.0
7.7	32.4	2590.8	450.0	13.5	4.2	231.2	10.0	7.8	6.3	311.2	331.2	6.9	53.4	4.3	52.0
8.6	35.2	2875.5	425.0	11.9	1.5	236.4	10.0	6.1	5.0	312.5	329.7	5.9	45.0	4.9	52.0
9.6	38.0	3164.3	400.0	5.8	1.3	237.9	10.0	6.5	5.3	313.4	331.1	6.0	55.3	5.5	52.0
10.6	40.9	3465.3	375.0	6.7	2.7	238.7	9.5	6.1	5.0	313.2	333.3	6.9	72.4	6.0	51.0
11.5	43.4	3778.4	350.0	3.9	1.9	236.4	8.6	7.0	5.0	313.2	333.1	6.4	87.2	6.6	51.0
12.6	46.8	4096.4	325.0	1.5	-2.9	236.5	6.7	5.1	4.2	314.2	329.0	5.0	72.8	7.1	51.0
13.7	49.8	4424.5	300.0	0.2	-8.7	229.9	4.9	3.7	3.2	316.4	326.6	3.3	51.4	7.6	53.0
14.9	52.9	4767.5	275.0	-1.2	-11.9	218.5	4.4	2.7	3.4	318.6	327.0	2.7	43.6	7.7	53.0
16.0	56.0	5118.4	250.0	3.6	-15.1	205.7	4.9	2.1	4.0	319.4	324.5	2.2	41.1	8.0	52.0
17.2	59.3	5488.5	225.0	-4.6	-17.6	204.1	5.3	2.2	4.0	320.2	324.8	4.1	52.6	8.3	51.0
18.4	62.5	5865.2	200.0	-7.3	-23.1	225.4	8.1	4.3	4.3	324.1	325.1	0.3	6.6	8.7	50.0
19.7	65.9	6262.8	175.0	-10.0	-26.0	236.5	7.5	6.3	4.2	325.6	326.3	0.2	5.2	9.3	52.0
21.3	69.4	6677.4	150.0	-13.0	-31.4	239.1	8.7	7.4	4.5	327.6	327.3	0.1	2.3	10.0	51.0
23.0	73.0	7110.8	125.0	-15.1	-36.3	237.6	9.5	8.0	5.1	329.6	329.8	0.1	1.9	10.9	51.0
24.4	76.7	7506.6	100.0	-16.3	-40.4	246.5	9.4	6.7	3.4	331.2	331.8	0.1	6.5	11.7	52.0
25.9	80.5	8048.5	75.0	-22.4	-37.1	253.7	9.8	9.8	1.1	332.8	333.5	0.4	28.6	12.6	54.0
27.6	84.1	8549.9	50.0	-27.2	-30.5	266.0	8.9	6.9	0.9	337.5	340.2	0.4	51.1	13.4	54.0
29.6	87.5	9070.3	25.0	-25.5	-37.9	289.8	15.5	15.5	0.0	341.2	343.2	0.4	30.0	14.5	52.0
31.4	92.8	9666.5	30.0	-24.5	-45.7	278.8	21.6	21.6	-3.3	343.7	344.6	0.2	17.1	16.1	63.0
33.2	97.4	10240.8	275.0	-34.3	-48.4	280.2	25.7	25.7	-4.5	344.7	345.4	0.2	23.4	18.2	68.0
35.6	102.2	10938.4	250.0	-40.5	99.9	282.0	26.0	26.0	-5.5	345.9	346.9	0.9	99.9	21.2	73.0
37.6	107.3	11648.3	225.0	-46.2	99.9	283.2	28.3	27.4	-6.6	347.4	349.0	56.9	99.9	24.6	77.0
40.2	112.8	12421.5	200.0	-51.8	99.9	289.7	38.7	28.9	-10.6	350.6	350.9	56.9	99.9	28.5	81.0
43.0	119.8	13276.5	175.0	-57.9	99.9	292.1	38.2	28.0	-11.4	354.5	354.9	56.9	99.9	31.2	86.0
46.3	125.0	14237.2	150.0	-67.9	99.9	281.3	23.8	23.4	-4.7	360.1	359.9	56.9	99.9	34.4	87.0
49.5	132.0	15336.3	125.0	-71.0	99.9	284.8	12.1	11.7	-3.1	364.2	364.2	56.9	99.9	42.3	92.0
53.0	139.7	16571.1	100.0	-67.6	99.9	295.1	0.9	9.6	3.0	364.2	364.2	56.9	99.9	47.9	91.0
56.7	148.0	18386.6	75.0	-65.8	99.9	166.3	5.1	-1.2	4.9	434.4	434.4	84.9	55.9	44.4	81.0
60.0	157.0	20384.2	50.0	-54.1	99.9	91.9	9.9	-9.9	0.7	404.2	404.2	56.9	56.9	40.7	80.0
61.2	166.0	22379.3	25.0	-50.7	99.9	84.5	11.9	-11.8	-1.1	638.6	638.6	56.9	56.9	31.4	80.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE CO TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG

STATION NO. 481  
 DODGE CITY, KANSAS

 7 JUNE 1979  
 1115 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT 1 DEG K	E POT T DEG K	MH RTG CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	15.4	791.0	910.5	15.6	14.0	49.0	2.6	-1.7	-2.0	296.6	325.9	11.1	90.0	0.0	0.0
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.3	14.5	90.2	920.0	16.0	16.4	99.9	99.9	99.9	99.9	298.7	333.5	13.2	98.6	999.9	999.9
1.4	19.0	1131.9	875.0	19.3	11.3	59.9	99.9	99.9	99.9	304.0	330.5	9.7	59.1	999.9	999.9
2.3	21.5	1381.6	850.0	21.7	8.4	59.9	99.9	99.9	99.9	308.4	332.2	8.2	42.5	999.9	999.9
3.2	24.1	1642.3	825.0	20.5	8.0	99.9	99.9	99.9	99.9	310.3	333.6	8.2	44.5	999.9	999.9
4.2	24.6	1407.6	800.0	18.9	59.5	99.9	99.9	99.9	99.9	311.0	333.6	99.9	99.9	999.9	999.9
5.3	29.2	2177.9	775.0	15.9	59.5	99.9	99.9	99.9	99.9	312.4	333.6	99.9	99.9	999.9	999.9
6.1	31.9	2454.8	750.0	14.6	59.9	99.9	99.9	99.9	99.9	313.7	323.6	3.3	25.3	999.9	999.9
7.3	34.5	2740.0	725.0	12.0	6.4	55.9	99.9	99.9	99.9	314.0	323.2	3.0	26.6	999.9	999.9
8.2	37.1	3033.3	700.0	10.4	8.1	99.9	99.9	99.9	99.9	315.6	317.1	0.4	4.1	999.9	999.9
9.4	39.9	3334.7	675.0	8.9	31.4	59.9	99.9	99.9	99.9	316.7	327.8	3.6	38.3	999.9	999.9
10.7	42.7	3645.9	650.0	6.8	6.5	26.6	8.3	8.2	1.4	317.0	333.7	5.6	64.9	999.9	999.9
11.9	44.6	3967.0	625.0	4.0	1.3	25.8	8.6	8.4	1.8	317.0	335.5	6.3	94.1	999.9	999.9
13.1	46.4	4297.5	600.0	0.6	0.2	25.3	7.5	7.2	2.0	316.5	335.5	6.3	94.1	999.9	999.9
14.5	51.4	4638.1	575.0	-2.0	-0.4	25.4	6.9	6.7	1.7	317.7	332.3	4.9	84.0	999.9	999.9
16.0	54.5	4993.8	550.0	-3.2	-41.2	24.0	6.2	6.0	3.1	320.3	321.0	0.2	3.8	999.9	999.9
17.6	57.6	5352.1	525.0	-3.4	-52.1	24.2	11.5	10.6	4.5	324.2	324.5	0.1	1.0	999.9	999.9
19.1	61.0	5742.5	500.0	-5.4	-33.4	25.9	13.2	12.9	2.8	326.4	326.6	0.1	1.0	999.9	999.9
20.9	64.0	6142.4	475.0	-8.9	-55.5	26.7	14.1	14.1	0.1	327.0	327.2	0.0	1.0	999.9	999.9
22.4	67.4	6557.9	450.0	-13.0	-57.9	27.3	14.2	14.2	-0.2	327.0	327.1	0.0	1.0	999.9	999.9
24.0	70.8	6990.3	425.0	-16.7	-57.3	27.8	14.2	14.2	1.2	328.3	328.4	0.0	1.3	999.9	999.9
25.9	74.3	7442.1	400.0	-20.6	-61.2	28.5	14.6	14.6	2.9	330.2	330.6	0.0	1.0	999.9	999.9
28.4	78.0	7916.7	375.0	-23.5	-64.9	29.5	15.5	15.5	3.7	331.7	331.7	0.0	1.0	999.9	999.9
30.7	81.8	8417.5	350.0	-27.5	-67.5	29.8	16.0	15.6	4.9	333.2	333.3	0.0	1.0	999.9	999.9
32.8	85.7	8946.2	325.0	-31.5	-70.2	24.6	14.0	13.1	4.0	334.6	334.6	0.0	1.1	999.9	999.9
34.9	89.8	9507.1	300.0	-36.0	-72.3	24.2	14.8	13.5	6.0	336.6	336.6	0.0	1.1	999.9	999.9
36.9	94.2	10109.2	275.0	-40.8	-90.9	24.3	17.5	16.0	7.0	338.1	338.1	99.9	99.9	999.9	999.9
39.6	98.8	10747.5	250.0	-45.1	107.9	24.6	20.7	18.0	9.2	339.0	339.0	99.9	99.9	999.9	999.9
42.4	103.6	11445.7	225.0	-47.6	59.9	24.1	15.3	17.7	7.5	343.2	343.2	99.9	99.9	999.9	999.9
45.1	108.8	12217.1	200.0	-52.5	59.9	24.8	18.7	17.4	6.7	343.7	343.7	99.9	99.9	999.9	999.9
48.1	114.5	13067.7	175.0	-57.9	59.9	23.7	16.4	14.3	8.4	354.3	354.3	99.9	99.9	999.9	999.9
51.4	120.7	13931.0	150.0	-61.4	99.9	24.2	21.5	21.8	9.7	364.3	364.3	99.9	99.9	999.9	999.9
55.3	127.3	15159.8	125.0	-67.9	59.9	25.6	25.3	15.5	5.8	379.4	379.4	99.9	99.9	999.9	999.9
60.0	134.9	16518.6	100.0	-64.7	99.9	25.7	13.3	11.0	10.7	402.8	402.8	99.9	99.9	999.9	999.9
64.7	141.3	17499.8	75.0	-61.9	59.9	22.2	6.2	4.3	4.4	443.2	443.2	99.9	99.9	999.9	999.9
71.5	151.3	20419.9	50.0	-57.2	59.9	13.6	5.6	-3.6	4.4	508.7	508.7	99.9	99.9	999.9	999.9
80.3	163.7	23161.3	25.0	-46.7	99.9	99.9	99.9	99.9	99.9	650.5	650.5	99.9	99.9	999.9	999.9

 0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 421  
DODGE CITY, KANSAS7 JUNE 1979  
1405 GMT

155 10. 0

TIME MIN	CNCT	WEIGHT GRM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	W RTD CM/KG	RM PCT	RANGE KM	AZ DG
0.3	15.0	791.0	912.8	19.4	16.4	40.0	12.2	-5.7	-6.7	300.3	335.4	13.2	84.0	0.0	0.
06.9	99.9	99.9	1000.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
08.9	99.9	99.9	975.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	99.9	900.0	16.7	16.3	29.0	11.4	-5.5	-10.0	298.6	333.4	13.1	97.0	0.4	208.
0.5	16.3	912.4	900.0	16.7	16.3	29.0	11.4	-5.5	-10.0	298.6	333.4	13.1	97.0	0.4	208.
1.3	16.7	1152.7	875.0	15.3	14.4	28.1	13.1	-4.2	-11.5	299.7	332.3	12.2	96.8	0.9	207.
2.2	21.2	1399.9	850.0	17.6	11.4	27.5	12.8	-5.9	-11.3	304.6	332.2	10.1	67.3	1.7	208.
3.2	23.7	1656.0	825.0	18.2	8.5	42.4	8.6	-5.9	-6.4	307.5	331.8	8.5	53.1	2.3	208.
3.9	26.1	19.0.4	800.0	18.5	8.9	33.6	5.7	-5.4	-1.6	310.5	336.4	9.0	53.4	2.6	212.
6.9	28.7	2191.3	775.0	16.5	2.7	94.3	3.3	-3.3	0.2	311.6	329.4	6.1	40.1	2.7	216.
8.0	31.1	2470.9	750.0	16.3	-7.1	167.5	1.6	-0.3	1.6	314.3	323.4	3.0	19.4	2.8	218.
7.0	33.6	2759.4	725.0	15.2	-8.7	225.4	4.3	3.1	3.0	316.1	327.5	3.7	25.0	2.7	218.
8.0	35.6	3054.3	700.0	12.6	-9.3	217.9	6.3	3.9	5.0	316.2	328.5	4.0	30.3	2.3	218.
9.0	37.3	3354.0	675.0	9.9	-1.4	214.0	6.4	5.2	3.0	316.7	332.1	5.1	45.2	1.9	217.
13.2	42.1	3670.4	650.0	7.9	-2.1	248.1	9.2	8.5	3.4	317.9	333.1	5.1	49.4	1.5	207.
11.5	45.0	3993.3	625.0	5.9	-3.4	245.1	11.2	10.7	5.0	319.2	333.7	4.9	51.0	1.0	175.
12.8	47.9	4326.1	600.0	2.8	-3.2	242.6	12.0	11.4	5.9	319.3	332.6	4.3	55.4	1.1	119.
16.3	53.9	4669.0	575.0	-0.1	-7.4	245.8	13.6	12.5	9.4	319.2	331.7	3.6	58.2	2.0	92.
15.6	55.9	5021.2	550.0	-3.3	-8.7	244.9	15.0	13.6	6.4	320.1	331.3	3.6	66.2	3.0	83.
17.0	57.0	5389.4	525.0	-6.6	-13.9	244.6	15.7	14.1	6.7	320.4	328.3	2.5	56.3	4.3	77.
18.5	63.3	5769.6	500.0	-7.8	-22.5	245.7	16.2	15.1	5.9	323.5	324.8	1.6	38.5	5.0	74.
19.9	63.4	6167.5	475.0	-5.4	-35.8	245.9	14.5	13.5	5.2	326.4	326.6	0.0	1.0	7.1	74.
21.4	65.9	6582.0	450.0	-12.9	-58.1	246.2	14.6	13.4	5.9	327.0	327.1	0.0	1.0	8.3	73.
23.1	70.3	7014.9	425.0	-16.6	-52.1	244.2	15.1	13.6	6.6	327.7	327.9	0.1	2.9	9.6	71.
24.7	73.9	7466.7	400.0	-20.0	-49.6	249.3	16.1	15.1	5.7	328.0	328.3	0.1	5.3	11.3	71.
26.5	77.5	7939.9	375.0	-24.8	-49.7	260.2	15.2	19.5	3.4	328.4	329.2	0.1	7.9	13.2	71.
28.3	81.3	8439.6	350.0	-26.8	-67.1	256.5	19.5	18.6	5.2	332.7	332.7	0.0	1.0	15.4	73.
30.3	85.3	8970.6	325.0	-30.4	-68.4	244.6	16.9	14.8	7.1	334.6	334.6	0.0	1.0	17.5	72.
31.7	89.0	9433.2	300.0	-35.5	-72.8	247.6	17.2	15.5	6.5	335.2	335.3	0.0	1.0	19.4	71.
34.4	94.0	10133.2	275.0	-40.1	-90.9	247.5	19.5	18.0	7.4	337.1	339.9	99.9	99.9	21.0	71.
36.7	99.0	10777.9	250.0	-44.2	-90.9	247.1	22.2	20.2	10.7	340.4	340.4	99.9	99.9	24.6	70.
37.2	101.8	11479.2	225.0	-47.5	-90.9	240.8	25.3	22.1	12.4	345.7	345.7	99.9	99.9	28.1	69.
41.7	103.0	12250.0	200.0	-52.1	-90.9	217.7	22.4	19.0	12.0	350.3	349.9	99.9	99.9	31.4	68.
44.6	110.8	13102.4	175.0	-58.4	-90.9	217.2	23.2	19.5	12.6	353.6	349.9	99.9	99.9	35.5	67.
47.7	121.3	14065.1	150.0	-60.8	-90.9	244.9	22.4	20.3	9.6	361.4	349.9	99.9	99.9	40.0	66.
51.3	125.1	15153.9	125.0	-62.5	-90.9	217.9	18.1	15.4	9.5	361.4	349.9	99.9	99.9	44.1	66.
55.4	136.0	16562.2	100.0	-64.0	-90.9	232.7	13.7	10.9	8.3	404.1	349.9	99.9	99.9	47.8	65.
60.2	146.7	18324.5	75.0	-63.5	-90.9	226.9	7.9	3.8	6.5	439.6	349.9	99.9	99.9	50.7	64.
67.6	158.3	20550.0	50.0	-54.2	-90.9	150.4	7.1	-3.5	6.1	515.9	349.9	99.9	99.9	50.3	61.
79.0	163.7	25374.1	25.0	-47.9	-90.9	94.2	10.3	-10.2	6.8	647.1	349.9	99.9	99.9	47.9	57.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 ° BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
 ° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 481  
DODGE CITY, KANSAS  
7 JUNE 1979  
1705 GMT

TIME MIN	CNCTY	HEIGHT CM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POT 1 DEG H	E POT 1 DEG K	MR RTO CM/SEC	RM PCT	RANGE KM	AZ DEG
0-0	14-8	791.0	914.1	26.1	16.6	40.0	9.3	-6.0	-7.1	307.4	143.2	13.2	56.0	0.0	0.
0-9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0-9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0-9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0-9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0-6	16.1	927.5	900.0	23.4	15.7	5.3	13.3	-0.1	-13.3	305.2	139.5	12.6	63.4	0.9	233.
1-9	19.6	1127.7	875.0	20.7	14.7	29.5	10.4	-5.1	-9.0	305.2	137.6	11.8	66.6	1.3	207.
3-0	21.0	1422.8	850.0	18.5	12.2	30.9	12.1	-6.2	-10.4	305.2	134.6	10.6	66.6	2.3	209.
4-0	23.5	1679.3	825.0	17.2	10.4	37.7	10.0	-6.1	-7.9	307.5	134.9	9.7	60.4	2.7	209.
5-0	26.0	1942.9	800.0	17.5	8.9	52.3	8.0	-6.3	-7.9	309.2	135.3	9.0	57.3	3.2	212.
6-0	29.5	2213.7	775.0	15.3	8.0	77.8	6.8	-6.7	-6.7	310.3	135.1	8.8	61.6	3.6	216.
7-1	31.1	2491.1	750.0	13.4	7.5	102.0	5.7	-5.6	-1.2	311.1	135.9	8.7	67.4	3.6	221.
8-3	33.7	2778.3	725.0	12.9	-0.8	134.2	3.1	-2.2	2.2	313.2	128.4	5.0	38.7	3.9	225.
9-4	36.4	3070.7	700.0	12.0	-2.7	198.0	5.1	1.6	4.9	315.2	129.4	4.5	35.7	3.8	227.
10-6	39.1	3374.3	675.0	10.0	-0.6	215.5	7.4	4.3	6.0	316.4	134.5	5.9	31.6	3.3	225.
11-8	41.9	3677.5	650.0	6.3	-2.8	224.0	7.4	5.5	5.0	318.4	132.9	4.8	45.3	2.9	231.
13-1	46.9	4310.1	625.0	5.6	-5.3	241.1	7.2	6.3	5.5	319.9	131.5	4.1	45.2	2.3	237.
14-4	47.7	4382.7	600.0	3.1	-7.4	243.2	7.7	6.9	3.5	319.7	131.0	3.7	46.0	1.7	225.
15-6	53.6	4695.9	575.0	-0.2	-5.6	244.2	5.2	8.3	4.0	319.8	133.2	4.4	66.7	1.1	215.
16-9	53.6	5040.3	550.0	-3.1	-6.5	249.1	12.8	11.9	4.6	319.4	132.8	4.3	81.3	0.7	172.
18-5	56.8	5405.7	525.0	-7.0	-9.9	225.1	14.2	11.9	11.8	320.1	130.7	3.4	75.7	1.3	40.
19-8	59.9	5794.8	500.0	-6.3	-15.5	241.3	18.0	14.1	7.7	321.7	124.5	2.1	55.8	2.4	64.
21-4	63.0	6181.1	475.0	-15.5	-17.1	249.3	17.6	16.4	6.5	326.2	127.5	0.3	8.4	4.1	66.
23-1	66.4	6595.7	450.0	-13.5	-16.7	245.8	17.4	15.9	7.2	326.3	127.6	0.4	12.0	5.9	66.
24-7	69.8	7027.7	425.0	-16.9	-17.2	240.5	17.7	15.4	8.7	327.4	128.7	0.4	15.1	7.5	66.
26-5	73.4	7479.2	400.0	-21.1	-17.2	239.5	17.4	15.0	8.8	327.4	128.7	0.4	20.5	6.5	64.
28-4	77.0	7931.5	375.0	-25.5	-19.2	239.5	17.1	14.6	8.8	327.9	129.1	0.3	26.2	11.4	63.
30-1	80.9	8484.8	350.0	-27.8	-45.6	238.6	18.3	16.7	9.8	321.2	131.9	0.2	16.0	13.5	63.
32-4	84.8	8979.1	325.0	-30.7	-50.2	235.2	20.1	16.5	11.5	334.3	134.8	0.1	12.7	15.9	62.
34-6	89.0	9542.1	300.0	-35.3	-53.6	242.0	22.2	19.6	10.4	335.4	136.0	0.1	13.2	16.6	61.
36-9	93.3	10142.7	275.0	-39.7	-59.9	241.5	25.8	22.0	12.0	337.7	139.9	0.1	855.8	21.7	62.
39-0	97.8	10789.0	250.0	-43.3	-67.0	242.8	25.8	22.9	11.8	341.7	149.9	0.1	999.9	25.2	62.
41-5	102.9	11491.1	225.0	-47.0	-69.9	242.8	25.8	22.9	11.8	341.7	149.9	0.1	999.9	25.2	62.
44-1	109.0	12264.4	200.0	-52.3	-73.0	244.7	25.8	22.4	12.4	348.2	159.9	0.1	999.9	29.2	62.
47-2	111.6	13117.3	175.0	-57.2	-73.0	244.7	33.9	30.7	16.5	355.2	159.9	0.1	999.9	33.3	61.
50-5	123.0	14082.7	150.0	-61.2	-73.0	244.7	27.4	24.7	15.3	355.2	159.9	0.1	999.9	39.0	61.
54-1	127.0	15208.4	125.0	-63.4	-73.0	244.7	19.6	16.1	12.3	379.2	159.9	0.1	999.9	45.7	62.
58-3	135.0	16576.0	100.0	-67.4	-73.0	227.3	15.1	11.3	11.2	409.5	159.9	0.1	999.9	50.2	62.
63-4	144.0	18331.9	75.0	-67.8	-73.0	191.1	8.6	1.7	8.5	430.2	159.9	0.1	999.9	54.3	61.
70-8	154.0	20774.1	50.0	-75.5	-73.0	146.5	6.6	-3.7	5.5	512.7	159.9	0.1	999.9	58.1	57.
82-5	154.3	25399.4	25.0	-86.0	-73.0	103.6	7.0	-6.6	1.6	632.1	159.9	0.1	999.9	56.7	52.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451  
 DODGE CITY, KANSAS

 7 JUNE 1979  
 2005 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DE C	DEN PT DE C	DIR DE	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DE K	E POT T DE K	M* RTO CM/KG	RM PCT	153	7. 0
0.0	10.6	791.0	914.3	30.0	10.1	50.0	7.2	-5.5	-4.6	311.0	351.3	14.5	49.0	0.0	0.0
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02.0	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03.0	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04.0	10.0	931.0	900.0	20.0	10.7	43.0	9.4	-6.5	-6.8	309.1	346.4	13.5	54.0	0.3	246.0
1.1	10.6	1179.0	875.0	24.5	15.3	40.0	9.5	-7.0	-6.4	309.2	344.8	12.8	57.1	0.7	233.0
2.1	23.8	1133.5	850.0	22.4	15.1	55.0	6.4	-6.9	-7.7	309.0	345.2	12.8	63.4	1.2	233.0
3.3	23.2	1092.2	825.0	19.0	13.6	62.5	7.9	-7.0	-3.6	308.7	341.9	12.0	70.8	1.8	235.0
4.4	25.7	1056.5	800.0	16.0	12.4	63.4	7.5	-6.7	-3.4	308.1	340.9	11.4	75.3	2.3	237.0
5.3	24.2	2227.2	775.0	14.9	11.9	60.9	7.2	-6.8	-2.5	309.0	341.7	11.4	82.5	2.7	238.0
6.4	30.8	2504.7	750.0	12.6	9.9	91.0	6.0	-6.0	0.1	310.0	339.4	10.3	82.4	3.1	241.0
7.5	37.4	2789.4	725.0	11.6	4.8	130.0	4.0	-3.0	3.4	312.0	333.9	7.5	83.2	3.3	245.0
8.0	30.1	3063.5	700.0	12.0	2.2	190.0	6.1	2.0	5.8	315.0	334.7	6.4	51.1	3.2	252.0
10.3	38.0	3180.0	675.0	11.3	-1.8	230.1	7.4	5.7	4.7	318.2	333.4	5.0	40.1	2.8	259.0
11.5	41.6	3702.1	650.0	8.0	-4.8	236.6	8.3	7.1	4.3	319.1	331.7	4.1	37.3	2.2	264.0
12.7	40.3	4025.3	625.0	6.1	-5.8	236.6	9.1	7.6	5.0	319.0	331.7	4.0	41.9	1.7	274.0
13.9	47.2	4158.2	600.0	3.1	-6.9	230.0	10.3	8.3	6.0	319.7	331.4	3.8	47.8	1.2	292.0
14.1	50.2	4701.6	575.0	-0.3	-6.9	222.7	14.1	9.4	10.4	317.0	331.8	4.0	61.1	1.2	333.0
16.4	53.1	5055.7	550.0	-2.4	-9.4	230.4	14.7	11.3	9.4	320.0	330.6	3.4	63.2	1.9	300.0
17.9	50.3	5422.0	525.0	-6.5	-12.6	237.4	14.6	12.3	7.9	320.0	329.3	2.8	61.6	3.0	270.0
19.4	53.4	5801.4	500.0	-9.0	-30.4	242.4	14.9	13.2	6.9	320.0	326.8	1.4	38.0	4.1	38.0
20.8	62.6	6199.1	475.0	-5.2	-55.7	240.1	10.9	14.6	6.4	320.0	326.8	0.0	1.0	5.4	44.0
22.2	65.9	6314.6	450.0	-12.3	-57.7	232.9	17.0	14.2	10.7	327.0	327.0	0.0	1.0	6.8	47.0
23.9	69.3	7047.9	425.0	-16.3	-45.5	227.3	18.1	13.3	12.3	328.1	328.7	0.1	5.0	8.7	47.0
25.6	72.9	7500.3	400.0	-20.5	-44.4	232.1	18.3	14.4	11.3	328.4	329.8	0.2	9.5	10.5	47.0
27.5	76.4	7974.2	375.0	-24.6	-47.9	235.9	19.7	16.3	11.1	329.0	329.0	0.1	9.3	12.0	49.0
29.4	80.4	8474.2	350.0	-26.9	-59.0	229.3	22.4	16.0	14.9	332.0	332.7	0.0	3.0	14.9	49.0
31.1	84.3	9005.1	325.0	-30.1	-67.4	228.1	24.0	17.8	17.2	335.2	335.3	0.0	1.3	17.7	49.0
33.3	89.6	9569.9	300.0	-34.4	-67.7	228.1	24.3	18.1	16.2	336.7	336.7	0.0	1.9	20.6	49.0
35.5	93.0	10172.3	275.0	-38.6	-68.8	230.3	27.1	20.9	17.3	339.2	339.4	0.0	2.5	24.0	49.0
37.8	97.7	10424.2	250.0	-41.4	99.9	236.8	27.1	20.9	17.3	339.2	339.4	0.0	2.5	24.0	49.0
40.3	104.6	11533.3	225.0	-45.7	99.9	236.8	27.1	20.9	17.3	339.2	339.4	0.0	2.5	24.0	49.0
43.0	108.0	12111.5	200.0	-49.8	99.9	240.5	40.5	35.9	18.7	348.0	99.9	99.9	99.9	33.5	51.0
46.0	113.8	13172.7	175.0	-56.4	99.9	240.5	40.5	35.9	18.7	348.0	99.9	99.9	99.9	40.5	53.0
49.2	120.0	14134.6	150.0	-63.0	99.9	240.0	37.1	34.7	13.3	361.0	99.9	99.9	99.9	49.5	56.0
52.9	127.0	15249.9	125.0	-63.7	99.9	237.6	23.4	19.6	12.5	370.0	99.9	99.9	99.9	57.8	58.0
57.2	134.7	16619.5	100.0	-64.0	99.9	231.2	15.9	12.1	9.7	404.1	99.9	99.9	99.9	64.2	59.0
62.7	143.0	18182.5	75.0	-61.6	99.9	192.7	10.8	2.3	10.4	432.7	99.9	99.9	99.9	68.6	58.0
70.1	151.7	20926.3	50.0	-57.3	99.9	141.6	6.2	-3.9	4.5	508.0	99.9	99.9	99.9	77.3	57.0
81.9	163.3	25457.8	25.0	-66.0	99.9	111.9	8.9	-7.9	3.2	652.0	99.9	99.9	99.9	71.1	52.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 481  
DODGE CITY, KANSAS  
7 JUNE 1979  
2215 GMT

JUNE 2315 GMT 1979																
TIME MIN	CNCTP	HEIGHT GSM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	HA RTO G/M/KG	RM PCT	RANGE AZ KM	155	14. 0
0.0	14.4	791.0	914.9	27.8	17.9	80.0	7.2	-7.1	-1.3	308.7	248.1	14.3	55.8	0.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
0.4	15.8	936.3	900.0	24.9	16.2	86.7	7.8	-7.8	-0.4	307.2	343.0	13.1	58.7	0.3	0.3	275.
1.2	15.2	1183.0	875.0	23.0	15.6	88.2	8.3	-8.2	-0.8	307.7	343.3	12.9	63.1	0.6	0.6	271.
2.1	20.7	1435.4	850.0	20.7	15.6	78.3	8.4	-8.2	-2.0	307.2	344.2	13.2	72.6	1.0	1.0	266.
2.9	23.1	1693.0	825.0	18.0	14.8	65.5	8.4	-7.9	-2.9	307.6	343.9	12.8	81.6	1.5	1.5	262.
4.0	25.7	1956.6	800.0	16.3	14.1	57.6	8.1	-6.8	-4.3	308.4	343.9	10.7	76.3	2.5	2.5	252.
5.2	24.2	2227.2	775.0	14.1	11.3	52.2	6.4	-5.0	-3.9	310.1	340.1	10.3	76.7	2.4	2.4	250.
6.3	32.8	2404.0	750.0	11.3	9.8	49.5	4.9	-4.6	-1.7	311.1	340.1	5.1	74.6	3.1	3.1	251.
7.4	31.4	2790.1	725.0	11.2	7.6	113.0	2.7	-2.5	-1.1	311.7	337.7	8.3	72.5	3.0	3.0	253.
9.6	36.1	3383.3	700.0	10.4	5.7	193.2	2.3	0.5	2.3	314.1	337.9	7.0	69.5	2.9	2.9	250.
9.7	34.8	3385.6	675.0	9.0	2.8	158.7	4.1	1.2	3.9	314.2	335.0	4.2	42.4	2.6	2.6	262.
10.5	41.6	3696.7	650.0	7.3	-4.7	205.9	7.3	3.2	6.5	317.2	327.9	4.0	44.5	2.4	2.4	275.
11.9	44.3	4318.7	625.0	5.2	-9.9	214.1	11.3	6.3	9.3	318.5	330.6	3.7	49.0	2.1	2.1	296.
13.1	47.2	4350.4	600.0	2.3	-7.3	222.1	13.4	9.0	9.9	319.2	329.6	3.3	51.6	2.0	2.0	324.
14.4	50.2	4652.6	575.0	-0.6	-9.3	224.4	12.8	9.0	9.2	319.2	327.2	2.6	45.9	2.4	2.4	349.
15.6	53.1	5345.6	550.0	-4.1	-13.0	223.1	12.2	8.3	8.9	319.2	325.7	1.8	40.8	3.0	3.0	5.
17.1	56.1	5310.4	525.0	-6.6	-18.9	230.3	12.1	9.3	7.7	320.5	326.2	0.1	2.0	4.0	4.0	19.
19.7	59.4	5752.8	500.0	-6.4	-48.7	235.2	14.1	11.6	10.4	326.6	327.6	0.2	5.2	5.2	24.	32.
20.3	62.5	6191.8	475.0	-9.0	-41.4	231.5	16.6	13.0	11.9	327.6	327.9	0.2	7.6	6.9	30.	36.
21.9	65.9	6437.2	450.0	-12.9	-40.6	226.5	17.4	12.6	12.3	327.4	328.4	0.2	9.0	8.5	36.	37.
23.5	69.3	7339.8	425.0	-16.7	-41.9	227.6	18.2	13.5	13.5	327.7	328.5	0.2	11.9	10.3	37.	37.
25.1	72.9	7431.5	400.0	-21.0	-42.9	225.4	16.3	13.7	13.2	330.1	330.6	0.1	5.8	12.4	34.	41.
27.0	76.6	7965.5	375.0	-23.8	-46.9	224.9	26.4	15.0	14.2	332.2	332.9	0.1	10.6	17.4	43.	43.
28.7	80.3	8465.9	350.0	-27.0	-47.6	230.5	22.9	20.4	14.2	334.2	334.9	0.1	11.9	20.1	45.	45.
30.6	84.3	8966.5	325.0	-30.6	-51.6	235.1	24.9	23.1	13.8	336.4	335.9	0.1	13.1	23.6	47.	47.
32.4	89.5	9519.9	300.0	-35.4	-54.5	236.1	28.9	24.3	20.3	338.1	339.0	99.9	99.9	24.7	44.	44.
34.4	93.0	10159.9	275.0	-39.0	-56.7	234.3	34.2	32.3	20.8	344.2	344.9	99.9	99.9	34.8	51.	51.
36.7	97.6	10810.9	250.0	-41.6	-59.9	237.2	38.4	38.1	18.1	348.6	349.9	99.9	99.9	41.1	53.	53.
39.3	102.6	11519.3	225.0	-45.5	-62.9	246.7	42.2	42.1	22.1	351.1	351.9	99.9	99.9	49.0	54.	54.
41.7	109.0	12393.2	200.0	-51.6	-69.9	242.3	47.5	42.1	17.4	354.1	354.9	99.9	99.9	54.9	56.	56.
44.1	113.8	13147.5	175.0	-54.1	-69.9	247.1	44.7	41.2	13.5	361.8	361.9	99.9	99.9	61.1	57.	57.
47.1	123.3	14127.1	150.0	-62.4	-69.9	246.3	32.4	30.9	14.8	372.6	369.9	99.9	99.9	66.1	57.	57.
50.3	127.3	15217.6	125.0	-67.5	-69.9	241.4	36.9	27.1	10.0	401.2	366.9	99.9	99.9	69.4	56.	56.
53.0	135.0	16366.1	100.0	-65.5	-69.9	233.0	12.7	13.3	8.8	443.6	366.9	99.9	99.9	70.0	54.	54.
54.7	144.0	18114.3	75.0	-61.7	-69.9	199.3	9.3	3.1	4.1	513.1	366.9	99.9	99.9	68.3	52.	52.
65.5	154.2	20459.2	50.0	-44.3	-69.9	126.8	6.8	-5.4	4.0	640.6	366.9	99.9	99.9	68.3	52.	52.

0 AT SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG





STATION NO. 451  
 DODGE CITY, KANSAS

 8 JUNE 1979  
 505 CH

137 58. 0

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	14.4	791.0	918.9	21.1	15.6	40.0	8.2	-0.3	-0.3	301.2	234.4	12.3	71.0	0.0	0.0
00.9	99.9	99.9	1000.0	99.9	59.9	99.9	55.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	975.0	55.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	950.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	925.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	900.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	875.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	850.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	825.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	800.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	775.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	750.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	725.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	700.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	675.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	650.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	625.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	600.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	575.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	550.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	525.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	500.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	475.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	450.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	425.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	400.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	375.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	350.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	325.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	300.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	275.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	250.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	225.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	200.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	175.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	150.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	125.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	100.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	75.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	50.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	25.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	0.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

 0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY SPEED MEANS ELEVATION CR TIME HAVE BEEN INTERPOLATED  
 0 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451  
 DODGE CITY, KANSAS

 8 JUNE 1974  
 895 GMT

132 47. 0

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG K	E POT 1 DEG K	MR WTC GM/KG	RM PCT	RANGE KM	AZ DEG
0-0	11.7	791.0	923.9	15.0	10.6	43.0	98.9	99.9	99.9	294.1	317.9	8.1	75.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	54.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0-7	14.0	1012.2	900.0	12.9	10.2	359.1	19.6	0.3	-19.6	294.1	316.0	8.7	83.3	0.8	174.
1-5	15.4	1286.6	875.0	11.1	8.0	6.0	18.9	-2.1	-18.9	294.1	317.2	4.2	85.7	1.7	161.
2-3	20.8	1490.8	850.0	10.4	6.0	19.3	12.7	-5.5	-15.2	294.1	319.6	8.4	69.7	2.7	184.
3-6	23.3	1741.0	825.0	13.2	12.0	39.2	13.1	-8.3	-10.2	302.1	331.9	10.8	92.7	3.8	192.
4-6	25.8	2001.3	800.0	14.0	11.0	29.7	-1.1	-2.6	-4.5	305.0	334.8	10.4	62.5	4.3	196.
5-4	24.3	2208.0	775.0	11.3	9.7	302.7	3.1	2.6	-1.7	305.0	333.2	9.8	89.7	4.4	196.
6-4	31.9	2543.4	750.0	12.3	5.2	233.9	9.0	7.3	5.3	309.9	331.1	7.4	62.0	4.2	191.
7-4	31.6	2527.6	725.0	10.4	3.6	237.5	11.3	9.5	6.1	311.4	331.3	6.9	60.7	3.7	186.
8-4	36.1	3119.3	700.0	6.4	1.4	242.6	10.5	9.3	4.8	311.7	331.1	6.7	67.9	3.3	176.
9-4	38.8	3418.9	675.0	5.6	3.2	243.3	11.3	10.1	5.1	312.0	332.7	7.2	64.5	3.1	166.
10-5	41.5	3727.3	650.0	3.7	1.4	241.0	12.6	11.2	6.2	313.2	332.2	6.5	84.4	3.1	151.
11-5	44.3	4035.2	625.0	1.3	0.3	237.0	19.0	12.6	8.1	314.0	332.4	6.3	92.7	3.1	136.
12-4	47.1	4333.1	600.0	-0.6	-1.4	229.4	16.9	12.6	11.2	315.2	332.3	5.8	55.6	3.4	121.
13-6	53.1	4712.3	575.0	-2.9	-3.5	225.4	18.6	13.9	13.7	316.7	332.1	5.2	95.3	3.9	101.
14-7	51.0	5064.7	550.0	-4.1	-6.5	232.3	19.1	15.1	11.7	319.2	330.5	3.7	71.3	4.8	89.
15-1	56.1	5430.4	525.0	-6.3	-10.9	244.6	16.6	17.7	8.4	320.6	330.7	3.2	69.8	6.2	81.
17-4	59.3	5810.6	500.0	-5.1	-11.1	245.8	15.5	17.8	6.0	322.0	332.3	3.3	85.2	7.7	79.
18-7	62.4	6207.0	475.0	-15.0	-13.7	244.1	18.7	16.0	6.2	324.4	333.3	2.8	40.6	9.1	76.
19-0	65.7	6621.1	450.0	-13.8	-15.6	240.4	19.8	17.2	9.8	326.5	335.1	2.5	80.8	10.5	75.
21-1	69.1	7034.7	425.0	-15.9	-16.5	234.6	21.4	17.4	12.4	328.6	335.4	2.1	80.3	11.9	72.
22-3	72.6	7510.3	400.0	-16.4	-20.8	224.9	23.7	16.7	18.6	331.1	337.3	1.8	81.2	13.4	70.
23-5	76.2	7990.7	375.0	-20.1	-23.2	211.8	30.3	16.0	25.8	335.0	340.4	1.6	76.5	15.4	65.
25-5	79.9	8499.0	350.0	-25.0	-24.6	210.0	35.2	17.6	30.5	337.7	337.8	0.0	1.0	18.4	59.
27-2	83.8	9012.2	325.0	-27.4	-27.5	212.4	37.4	20.1	31.6	338.5	338.9	0.0	1.0	21.7	54.
29-7	87.8	9607.6	300.0	-32.3	-30.9	207.6	38.3	16.4	31.3	339.5	341.5	0.4	54.0	24.8	51.
30-7	92.2	10215.1	275.0	-37.2	-34.9	210.0	40.0	20.0	34.7	341.5	341.3	0.0	1.0	28.7	48.
32-9	96.7	10866.1	250.0	-42.7	-39.9	210.0	39.8	19.5	34.4	342.1	341.9	99.9	99.9	34.0	45.
35-5	101.4	11508.9	225.0	-47.8	-44.9	211.7	43.5	22.9	37.0	345.2	349.9	99.9	99.9	40.1	43.
37-7	106.6	12335.9	200.0	-54.0	-51.0	210.9	47.9	26.1	39.9	347.2	349.9	99.9	99.9	46.2	42.
40-3	112.2	13179.4	175.0	-60.6	-59.9	225.9	42.7	30.7	29.8	350.0	349.9	99.9	99.9	52.7	42.
43.3	118.3	14129.8	150.0	-63.2	-60.9	225.6	42.4	30.3	29.6	361.3	349.9	99.9	99.9	60.8	42.
45-7	124.8	15247.8	125.0	-67.1	-64.9	212.6	15.9	10.8	18.7	373.2	349.9	99.9	99.9	68.5	43.
45-5	132.3	16472.5	100.0	-71.4	-69.9	207.9	17.2	8.0	15.2	385.6	349.9	99.9	99.9	69.8	42.
52-6	141.0	18314.5	75.0	-81.9	-79.9	103.1	6.1	-0.1	0.0	443.2	349.9	99.9	99.9	71.8	42.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	95.9	50.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

 ORIGINAL PAGE IS  
 OF POOR QUALITY

STATION NO. 481  
 DODGE CITY, KANSAS

 8 JUNE 1979  
 1115 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MZ RTG CM/KG	RM PCT	RM PCT	157	0- 0
0-0	13-8	791-0	922-0	11-1	7-8	10-0	12-4	-2-2	-12-2	290-5	310-0	7-2	80-0	0-0	0-0	0-
99-9	99-9	99-9	1000-0	55-9	99-9	95-9	99-9	99-9	99-9	99-9	999-9	55-9	999-9	999-9	999-9	999-9
99-9	99-9	99-9	975-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9	999-9
99-9	99-9	99-9	950-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9	999-9
99-9	99-9	99-9	925-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9	999-9
0-5	14-0	992-0	900-0	10-1	8-6	10-6	21-7	-6-2	-20-8	291-5	312-6	7-9	90-7	0-6	191-	191-
1-5	18-2	1228-6	875-0	8-7	7-5	28-2	22-7	-10-0	-20-4	292-6	312-7	7-5	92-6	1-8	191-	191-
2-2	20-5	1467-0	850-0	5-2	4-3	48-8	18-2	-12-9	-12-9	292-6	312-7	8-2	94-2	2-7	203-	203-
3-1	22-9	1718-4	825-0	12-8	12-0	56-6	5-2	-7-9	-5-2	302-1	331-5	10-8	94-9	3-4	210-	210-
3-9	25-4	1977-1	800-0	15-2	7-7	72-1	4-7	-1-6	-4-4	307-2	330-7	8-3	94-9	3-4	210-	210-
4-8	27-6	2285-9	775-0	14-3	2-9	248-2	5-8	1-6	-5-6	309-2	320-6	6-1	94-9	3-9	209-	209-
5-7	30-3	2522-6	750-0	12-2	1-3	299-8	7-7	6-7	-3-9	311-0	327-3	5-6	94-9	4-0	208-	208-
6-7	32-9	2827-5	725-0	12-2	2-0	267-1	10-4	10-3	0-5	312-5	330-7	6-1	94-9	3-9	197-	197-
7-7	35-4	3100-6	700-0	5-9	0-4	243-3	13-2	11-8	5-9	313-2	330-0	5-6	94-9	3-6	187-	187-
8-8	38-1	3402-2	675-0	8-9	-4-4	238-7	15-6	13-4	8-1	315-1	327-9	4-1	94-9	3-0	172-	172-
10-0	43-8	3712-8	650-0	5-7	-3-6	238-3	18-2	14-9	10-7	315-4	328-0	4-5	94-9	2-8	150-	150-
11-1	45-5	4032-7	625-0	2-8	-0-5	228-5	20-3	14-2	14-5	315-6	333-1	5-9	94-9	2-8	122-	122-
12-3	46-2	4302-4	600-0	0-7	-2-4	221-3	20-4	14-0	14-9	316-5	332-9	5-4	94-9	3-4	98-	98-
13-6	49-1	4723-2	575-0	-1-6	-6-2	227-9	20-2	13-7	14-8	317-5	330-7	6-2	94-9	4-5	62-	62-
14-9	52-0	5055-9	550-0	-6-0	-10-2	219-9	21-1	13-5	16-2	319-2	329-3	3-2	94-9	5-8	71-	71-
16-3	55-0	5424-4	525-0	-6-4	-13-5	215-9	20-7	12-2	16-8	320-7	328-8	2-6	94-9	7-0	65-	65-
17-2	58-0	5731-1	500-0	-9-1	-16-8	218-8	20-2	11-5	16-8	322-0	328-6	2-0	94-9	8-4	60-	60-
18-5	61-1	6198-2	475-0	-11-8	-20-6	218-8	20-0	11-4	16-4	323-2	329-2	1-8	94-9	9-8	50-	50-
19-9	64-3	6629-3	450-0	-13-5	-49-5	213-9	21-5	12-3	18-2	326-2	328-8	0-1	94-9	11-5	51-	51-
21-4	67-6	7002-0	425-0	-16-1	-60-1	207-7	21-5	10-2	19-4	328-4	328-5	0-0	94-9	13-4	50-	50-
23-1	71-0	7495-9	400-0	-19-1	-37-0	209-5	21-7	10-7	18-8	330-1	331-6	0-4	94-9	15-3	48-	48-
24-9	74-6	7973-9	375-0	-21-8	-32-7	212-5	25-6	15-7	20-4	332-6	335-1	0-7	94-9	17-7	45-	45-
26-6	78-1	8472-9	350-0	-25-3	-66-1	221-3	30-8	20-4	23-1	338-6	338-7	0-0	94-9	20-6	44-	44-
28-4	82-0	9033-7	325-0	-28-1	-67-9	227-8	35-5	24-3	26-0	338-6	338-1	0-0	94-9	24-5	44-	44-
30-2	85-9	9504-1	300-0	-31-7	-70-3	218-3	38-2	23-7	30-0	340-7	340-7	0-0	94-9	28-4	43-	43-
32-2	90-0	10192-3	275-0	-37-2	-55-6	218-2	37-6	21-1	31-1	341-4	341-7	0-1	94-9	33-0	42-	42-
34-6	94-4	10846-0	250-0	-42-4	-59-6	218-0	37-1	20-7	30-7	343-1	343-9	55-9	94-9	37-6	41-	41-
36-7	99-2	11546-3	225-0	-47-7	-59-9	218-0	45-5	26-0	36-7	345-2	345-9	99-9	94-9	43-1	41-	41-
39-1	104-0	12117-7	200-0	-51-8	-59-9	218-6	42-6	26-0	33-8	350-6	350-9	99-9	94-9	50-0	40-	40-
41-9	109-5	13170-7	175-0	-58-5	-59-9	217-0	38-7	23-2	30-9	353-4	353-9	99-9	94-9	56-7	40-	40-
45-1	115-5	14130-1	150-0	-63-4	-59-9	216-0	41-6	22-3	35-1	361-0	359-9	99-9	94-9	64-1	39-	39-
48-5	122-0	15232-3	125-0	-67-8	-59-9	222-3	36-7	20-7	32-7	372-2	359-9	55-9	94-9	71-7	38-	38-
52-3	129-5	16377-4	100-0	-68-6	-59-9	228-9	34-1	10-3	9-6	395-2	395-9	99-9	94-9	77-0	35-	35-
57-4	134-3	18330-4	75-0	-67-2	-59-9	174-1	5-1	-0-9	9-1	440-4	395-9	99-9	94-9	79-4	34-	34-
64-4	149-0	20937-3	50-0	-57-4	-59-9	121-5	5-7	-8-3	5-1	508-2	349-9	59-9	94-9	79-7	32-	32-
75-1	161-0	25393-9	25-0	-68-6	-59-9	112-9	12-2	-11-2	4-7	644-6	399-9	99-9	94-9	79-1	34-	34-

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMO MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456  
TOPERA, KANSAS7 JUNE 1979  
1100 GMT

182 9. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 3 DEG K	E POT 7 DEG K	WZ RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	9.2	268.0	970.2	19.4	19.4	160.0	2.1	-0.7	2.0	295.1	333.5	14.8	100.0	0.0	0.
00.0	99.0	1000.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
01.0	99.0	99.0	975.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
02.0	10.0	450.0	950.0	19.1	17.9	202.3	7.8	3.0	7.3	296.4	335.6	13.8	92.7	0.3	153.
03.0	13.1	680.0	925.0	18.6	16.8	216.0	11.4	6.7	9.2	298.5	333.5	13.2	88.9	0.7	12.
04.0	15.3	917.1	900.0	20.3	17.1	233.4	15.5	12.5	9.3	302.5	339.4	13.0	81.5	1.4	31.
05.0	17.5	1161.1	875.0	19.8	15.4	238.2	13.0	11.8	7.3	304.4	336.8	12.7	73.5	2.1	41.
06.0	19.7	1410.9	850.0	18.1	13.3	236.0	10.3	8.4	6.1	305.1	336.3	11.4	73.5	2.7	65.
07.0	21.0	1666.5	825.0	16.2	12.0	236.2	8.1	6.7	4.5	305.7	335.4	10.4	76.0	3.2	46.
08.0	22.4	1928.3	800.0	14.1	11.3	237.9	6.4	7.2	4.5	306.2	335.4	10.4	83.0	3.7	48.
09.0	24.6	2196.2	775.0	12.1	10.4	237.9	9.7	7.8	4.9	306.4	335.3	10.3	89.1	4.2	49.
10.0	26.0	2478.5	750.0	9.8	8.2	242.2	9.0	7.9	4.2	307.2	332.9	9.2	90.1	4.7	50.
11.0	27.5	2752.1	725.0	7.9	5.4	240.0	6.7	7.9	3.5	308.1	330.2	7.8	86.2	5.2	51.
12.0	29.0	3031.2	700.0	6.1	3.6	239.1	8.3	7.5	3.4	309.2	329.6	7.1	83.7	5.8	53.
13.0	30.3	3319.1	675.0	4.5	0.9	239.1	7.9	6.8	4.1	310.7	328.3	6.1	77.0	6.3	54.
14.0	31.8	3605.0	650.0	2.9	-2.1	235.6	7.8	6.4	4.4	312.2	327.2	5.1	65.8	6.8	54.
15.0	33.4	3893.5	625.0	1.9	-6.7	242.8	8.0	7.1	3.6	314.7	325.9	3.7	52.7	7.4	54.
16.0	35.1	4291.9	600.0	-0.8	-8.5	249.5	9.0	8.4	3.1	316.1	324.4	3.3	52.5	8.0	55.
17.0	36.7	4632.1	575.0	-1.6	-14.8	253.0	9.3	8.9	2.7	318.1	323.5	2.1	35.6	8.7	56.
18.0	38.4	4984.5	550.0	-3.8	-44.7	259.3	7.1	6.9	1.4	319.4	322.2	0.2	3.5	9.3	58.
19.0	40.4	5349.5	525.0	-6.5	-25.6	257.5	8.6	8.4	1.8	320.4	321.7	0.9	21.2	9.8	59.
20.0	42.1	5728.0	500.0	-9.1	-41.5	250.3	10.0	10.4	2.6	322.5	320.4	0.2	5.6	10.6	60.
21.0	43.8	6124.5	475.0	-11.1	-29.5	261.6	12.0	11.9	1.8	324.2	320.7	0.7	20.1	11.6	62.
22.0	45.0	6537.7	450.0	-13.3	-58.4	271.9	12.5	12.5	-0.4	326.1	320.6	0.0	1.0	12.7	64.
23.0	46.1	6970.6	425.0	-15.8	-60.0	278.2	12.4	12.4	-1.4	328.7	320.8	0.0	1.0	13.7	67.
24.0	47.4	7424.7	400.0	-15.3	-62.2	279.5	11.5	11.4	-1.9	329.5	330.0	0.0	1.0	14.9	69.
25.0	48.6	7900.8	375.0	-23.5	-64.9	282.7	11.5	11.2	-2.5	330.4	330.5	0.0	1.0	15.9	71.
26.0	50.1	8301.2	350.0	-27.2	-67.3	295.3	12.8	11.5	-5.5	332.1	332.2	0.0	1.0	17.0	74.
27.0	51.7	8710.9	325.0	-31.0	-69.8	298.7	12.9	11.2	-6.4	333.9	334.0	0.0	1.0	18.2	78.
28.0	53.3	9093.3	300.0	-35.9	-72.0	298.9	14.4	13.1	-6.1	335.3	335.3	0.0	1.0	19.4	81.
29.0	55.3	10093.6	275.0	-39.9	-99.9	292.8	16.7	13.6	-5.7	337.4	339.9	59.9	59.9	21.4	84.
30.0	57.3	10736.7	250.0	-45.6	-99.9	290.4	13.5	17.6	-4.7	338.3	339.9	99.9	99.9	23.1	84.
31.0	59.7	11311.0	225.0	-49.5	-99.9	278.6	15.7	15.5	-2.6	342.7	339.9	99.9	99.9	25.2	88.
32.0	61.0	12198.2	200.0	-57.4	-99.9	263.0	18.5	12.4	2.3	348.3	339.9	99.9	99.9	28.1	88.
33.0	63.4	13067.7	175.0	-57.7	-99.9	268.9	25.0	24.9	0.5	356.8	339.9	99.9	99.9	32.3	88.
34.0	65.8	14025.3	150.0	-57.2	-99.9	264.1	24.3	24.2	2.5	371.6	339.9	99.9	99.9	37.7	84.
35.0	68.0	15167.1	125.0	-61.5	-99.9	260.2	21.1	20.8	3.4	383.7	339.9	99.9	99.9	43.3	87.
36.0	70.1	16422.4	100.0	-63.4	-99.9	222.1	11.7	8.3	8.3	405.1	339.9	99.9	99.9	47.6	86.
37.0	72.0	18008.3	75.0	-61.5	-99.9	191.9	4.8	1.0	4.7	444.1	339.9	99.9	99.9	49.5	83.
38.0	74.0	20449.0	50.0	-55.6	-99.9	111.0	5.7	-5.4	2.1	512.2	339.9	99.9	99.9	49.5	82.
39.0	76.0	25384.5	25.0	-43.8	-99.9	90.1	11.9	-11.9	0.0	658.4	339.9	99.9	99.9	42.5	79.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY : : : : : MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 034  
TOPERA, KANSAS7 JUNE 1979  
1405 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PGT Y DEG	E POS Y DEG	HA RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	9.3	260.0	971.0	21.7	20.0	200.0	5.7	1.9	0.4	297.3	337.4	15.4	98.0	0.0	0.
99.9	99.9	99.9	1000.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	11.0	465.3	950.0	20.7	18.4	194.9	4.5	2.5	0.2	298.3	335.6	14.2	80.8	0.5	12.
1.4	13.0	690.0	925.0	12.6	17.7	206.1	4.2	4.1	0.3	298.3	336.9	13.9	94.3	0.9	10.
2.3	16.3	931.4	900.0	17.0	17.0	210.9	10.5	0.2	6.6	299.5	336.4	13.0	95.2	1.4	22.
3.0	18.0	1173.0	875.0	18.3	17.2	259.1	8.9	0.7	1.7	302.8	341.2	14.3	93.7	1.7	30.
3.9	21.3	1423.7	850.0	12.9	15.9	260.7	6.8	6.7	1.1	304.6	342.9	13.6	82.6	2.0	43.
5.2	23.9	1690.4	825.0	17.3	12.5	251.7	6.6	6.3	2.1	306.4	337.0	11.1	73.1	2.4	48.
6.2	26.6	1943.1	800.0	15.4	11.2	247.3	6.0	5.5	2.3	307.4	336.8	10.5	70.1	2.8	51.
7.3	29.0	2111.9	775.0	13.3	6.9	244.9	6.7	6.1	2.0	308.1	336.1	9.3	70.3	3.2	53.
8.5	31.4	2447.7	750.0	11.4	5.9	247.0	8.4	7.7	3.3	309.8	331.4	7.0	69.9	3.7	55.
9.7	34.6	2779.6	725.0	5.5	3.6	246.0	9.0	8.3	3.0	309.5	329.5	6.9	66.7	4.3	57.
10.7	37.2	3061.7	700.0	7.5	1.5	245.1	8.9	8.0	3.7	310.8	328.5	6.1	48.0	4.9	58.
11.7	43.0	3349.9	675.0	5.0	-0.1	244.0	6.1	7.2	3.5	311.3	327.7	5.6	69.3	5.4	58.
12.9	47.9	3687.3	653.0	2.8	-2.3	246.3	7.9	6.6	4.4	312.2	326.6	5.0	68.7	5.9	58.
13.9	45.8	3950.0	625.0	0.6	-4.8	232.5	8.4	6.6	5.1	313.1	325.9	4.3	57.1	6.4	58.
15.3	45.6	4110.7	600.0	-1.7	-9.2	217.3	8.4	7.1	4.5	314.2	323.8	3.2	56.3	7.0	58.
16.3	51.4	4690.3	575.0	-2.2	-17.4	256.2	6.3	6.0	2.3	317.4	323.0	1.7	30.8	7.6	58.
17.7	54.9	5001.4	553.0	-3.6	-34.5	267.2	10.1	10.1	0.5	319.5	321.2	0.4	6.9	8.3	61.
19.1	59.0	5360.4	525.0	-5.1	-24.6	271.9	12.2	12.2	-0.4	322.2	325.6	1.0	15.8	9.1	63.
23.5	61.3	5750.8	500.0	-6.2	-53.8	277.5	14.7	14.6	-1.9	325.6	325.7	0.0	1.0	10.1	67.
22.3	64.6	6150.5	475.0	-6.6	-95.4	282.4	16.0	16.4	-3.6	327.5	327.5	0.0	1.0	11.3	71.
23.5	69.0	6562.6	450.0	-11.4	-17.8	282.9	17.7	17.3	-3.9	327.6	327.8	0.0	1.0	12.6	75.
24.9	71.4	7009.4	425.0	-15.6	-59.8	274.0	16.7	16.3	-1.2	329.6	329.1	0.0	1.0	14.0	77.
26.5	75.1	7455.3	400.0	-18.0	-61.3	272.4	16.1	16.1	-0.7	331.7	331.8	0.0	1.0	15.4	78.
29.1	79.8	7919.5	375.0	-21.7	-63.7	269.2	14.7	16.7	0.5	332.5	333.0	0.0	1.0	17.1	80.
30.1	87.7	8439.6	350.0	-25.8	-66.4	259.2	15.9	15.7	3.0	334.6	334.1	0.0	1.0	19.0	80.
32.2	89.0	8937.4	325.0	-29.6	-68.9	249.1	14.5	14.3	2.7	336.6	336.0	0.0	1.0	20.9	80.
34.3	91.0	9537.0	300.0	-34.3	-72.0	261.3	14.0	13.8	2.1	337.1	337.1	0.0	1.0	22.7	80.
36.5	95.5	10139.4	275.0	-39.2	-99.9	254.6	15.3	14.8	4.1	338.5	339.9	99.9	99.9	24.6	80.
39.9	103.2	10785.2	253.0	-44.1	59.9	254.1	19.3	18.6	5.3	340.6	340.6	99.9	99.9	26.9	79.
41.4	105.2	11483.6	225.0	-49.7	59.0	258.8	23.1	22.7	4.5	342.3	342.3	99.9	99.9	30.2	79.
44.3	110.5	12215.9	203.0	-54.3	59.9	249.3	21.6	21.1	4.4	351.4	350.4	99.9	99.9	34.2	79.
47.5	116.3	13109.5	175.0	-56.3	59.9	269.0	21.1	21.0	2.2	356.5	356.5	99.9	99.9	38.2	79.
51.2	127.7	14328.4	150.0	-51.0	59.9	263.0	18.4	18.4	2.3	368.7	368.7	99.9	99.9	42.7	80.
55.1	129.5	15229.8	125.0	-61.4	59.9	250.8	18.6	17.7	6.2	363.4	363.4	99.9	99.9	46.9	79.
59.4	137.0	16591.7	103.0	-63.6	99.9	232.7	13.4	10.7	0.1	404.4	399.9	99.9	99.9	51.1	78.
63.7	145.7	18361.9	75.0	-63.3	99.9	193.1	5.6	1.3	5.5	440.1	399.9	99.9	99.9	54.0	78.
73.6	156.5	20667.4	50.0	-55.8	99.9	128.6	7.3	-5.7	4.5	511.5	399.9	99.9	99.9	52.7	78.
86.1	161.3	25047.9	25.0	-66.8	99.9	99.9	99.9	99.9	99.9	650.6	399.9	99.9	99.9	49.4	69.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 2 DEG

33 104 MD. 486  
COTTA, KANSAS

7 JUNE 1979  
1700 GMT

TIME MIN	CNTCT	HEIGHT GMS	PRES MB	TEMP °C	WIND KTS	DIR °	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT °C K	E POT °C K	MR RTO CM/KG	RM PCT	RANGE KM	AZ °
00	00	200.0	973.2	21.2	10.0	120.0	0.1	2.0	3.1	292.7	330.4	10.0	91.0	0.0	0.0
00.0	00.0	99.0	1000.0	99.0	9.0	120.0	0.1	0.0	0.0	99.0	99.0	99.0	99.0	99.0	99.0
00.0	00.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.7	10.3	470.0	550.0	21.4	19.1	99.0	99.0	99.0	99.0	290.0	337.0	10.0	91.0	99.0	99.0
1.3	12.7	700.0	420.0	15.1	17.0	99.0	99.0	99.0	99.0	290.0	336.1	10.1	92.0	99.0	99.0
2.0	14.6	945.0	900.0	17.5	16.3	190.0	7.4	1.0	7.4	290.0	336.0	10.1	93.0	1.0	10.0
3.2	17.1	1187.0	875.0	17.0	15.0	190.0	7.4	0.0	0.0	301.4	336.4	10.1	93.1	1.0	13.0
4.1	19.4	1434.0	850.0	15.9	13.9	170.0	3.0	-0.5	2.0	302.4	335.1	11.9	98.3	1.0	10.0
5.0	21.6	1686.0	825.0	15.3	9.0	190.0	7.4	0.0	2.5	304.4	328.5	8.0	64.4	1.0	10.0
6.1	24.0	1949.0	800.0	15.2	7.0	210.0	9.3	2.7	3.3	307.2	319.4	7.0	50.2	1.0	12.0
7.1	26.3	2210.0	775.0	13.8	6.7	221.7	6.4	4.4	4.7	308.6	311.2	9.0	62.5	2.0	17.0
8.2	28.7	2464.0	750.0	12.8	4.5	227.4	10.9	9.0	7.4	309.4	329.9	7.1	60.4	2.0	23.0
9.2	31.1	2718.0	725.0	10.9	2.5	227.4	10.9	10.4	6.7	310.4	328.7	6.4	60.0	3.0	29.0
10.4	33.6	2969.0	700.0	6.4	-1.0	232.1	13.5	10.4	6.7	310.4	328.7	6.4	60.0	3.0	29.0
11.4	36.1	3210.0	675.0	6.2	-0.3	241.0	15.2	12.5	6.7	312.4	321.0	3.0	34.4	5.0	37.0
12.0	38.4	3477.1	650.0	4.7	-11.8	257.1	15.0	13.7	3.1	316.3	321.7	2.4	28.0	5.0	32.0
13.0	41.2	3796.0	625.0	3.7	-10.7	269.4	15.0	13.0	0.1	316.3	321.2	1.4	17.5	6.0	48.0
14.1	43.9	4126.4	600.0	2.4	-15.9	277.0	15.0	13.0	-1.0	319.5	324.0	1.0	24.7	7.5	54.0
16.4	46.6	4688.5	575.0	-0.6	-17.3	276.3	13.3	13.2	-1.0	319.5	324.0	1.0	27.1	8.5	59.0
17.7	49.3	5211.0	550.0	-3.5	-15.2	275.4	14.1	14.1	-1.0	319.5	324.0	1.0	27.1	9.2	63.0
19.1	52.1	5769.5	525.0	-5.4	-17.1	278.6	14.4	14.4	-1.0	320.8	326.7	1.0	39.7	10.2	66.0
20.5	55.0	6309.9	500.0	-7.1	-40.4	267.1	17.0	17.0	0.0	320.8	326.7	0.0	4.0	11.4	67.0
22.0	58.0	6864.4	475.0	-9.3	-51.0	260.0	17.7	17.7	0.0	320.8	326.7	0.0	4.0	13.0	71.0
23.6	61.0	7423.3	450.0	-12.0	-59.0	260.4	18.0	17.9	0.5	327.1	327.2	0.0	1.0	14.6	73.0
25.2	64.1	7916.0	425.0	-16.7	-60.1	271.0	18.0	18.0	-0.3	327.2	327.2	0.0	1.0	16.3	75.0
26.9	67.4	8404.1	400.0	-20.4	-61.4	261.1	18.0	18.0	2.0	327.2	327.2	0.0	1.0	18.1	76.0
28.8	70.8	8893.6	375.0	-22.4	-64.2	250.3	17.1	16.0	3.2	332.6	332.6	0.0	1.0	19.9	76.0
30.5	74.3	9466.4	350.0	-26.4	-66.3	250.3	17.0	17.0	4.0	333.3	333.3	0.0	1.0	21.8	77.0
32.4	77.9	10078.0	325.0	-30.2	-69.3	250.1	16.5	15.5	5.0	335.1	335.2	0.0	1.0	23.7	76.0
34.8	81.6	10742.0	300.0	-34.8	-72.4	249.0	16.3	15.4	5.0	336.3	336.3	0.0	1.0	25.7	76.0
36.8	85.9	11433.0	275.0	-39.9	-90.0	240.2	16.4	14.0	7.1	337.4	337.4	0.0	99.0	27.9	75.0
39.6	89.7	12188.2	250.0	-44.2	-99.0	240.1	20.6	21.0	8.4	340.4	340.4	0.0	99.0	30.8	74.0
42.0	94.0	12991.7	225.0	-48.2	-99.0	250.6	20.2	25.7	9.1	347.7	347.7	0.0	99.0	34.0	74.0
44.8	98.0	13764.0	200.0	-51.0	-99.0	250.5	20.2	21.0	7.8	350.4	350.4	0.0	99.0	39.1	73.0
47.0	103.8	14519.1	175.0	-57.6	-99.0	250.0	21.5	20.2	7.4	354.4	354.4	0.0	99.0	43.0	73.0
51.2	109.3	15285.3	150.0	-60.7	-99.0	242.4	17.3	15.3	8.0	363.2	363.2	0.0	99.0	47.2	73.0
53.2	115.3	16133.6	125.0	-62.7	-99.0	230.0	16.7	14.3	8.0	381.2	381.2	0.0	99.0	51.2	71.0
60.1	127.3	16968.5	100.0	-64.4	-99.0	232.3	16.4	11.5	8.0	403.4	403.4	0.0	99.0	55.6	70.0
66.3	137.7	18356.9	75.0	-61.6	-99.0	170.3	7.0	-0.0	7.0	433.5	433.5	0.0	99.0	59.4	69.0
74.6	141.0	20033.7	50.0	-54.9	-99.0	147.3	6.6	-3.0	5.0	514.2	514.2	0.0	99.0	57.7	65.0
87.2	150.5	25033.0	25.0	-40.5	-99.0	99.0	99.0	99.0	99.0	681.3	681.3	0.0	99.0	55.1	61.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 436  
IDOWA, KANSAS  
7 JUNE 1970  
2005 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT P DEG K	E POT T DEG K	MZ RTQ CM/KG	RM CTY	RANGE KM	AZ DEG
0-0	7-7	266-0	573-2	26-1	22-4	220-7	5-1	3-3	3-9	301-6	348-7	17-8	80-0	0-0	0-
99-9	99-9	99-9	1000-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	59-9	999-9	999-9	999-9
99-9	99-9	99-9	575-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	999-9
0-8	9-6	481-1	550-0	24-4	22-1	150-5	4-8	1-2	4-4	302-0	343-0	15-4	75-0	0-3	14-
1-5	12-1	716-8	525-0	22-1	19-1	180-5	5-6	0-1	5-6	301-5	342-5	15-2	63-1	0-5	10-
2-4	16-4	953-3	500-0	20-2	16-4	185-2	6-3	0-6	6-3	302-2	342-5	15-0	86-6	0-8	7-
3-2	16-7	1196-9	475-0	18-7	17-1	185-4	6-4	0-9	6-3	303-3	341-4	14-2	90-0	1-2	7-
4-2	19-2	1445-7	450-0	17-1	15-5	190-5	6-4	0-1	6-4	304-4	339-8	13-2	90-0	1-6	7-
5-3	21-6	1700-4	425-0	14-4	10-0	178-0	3-2	-0-1	3-2	304-5	331-3	9-6	71-4	1-9	4-
6-4	24-0	1953-0	400-0	17-3	7-8	216-4	3-1	1-8	2-5	309-6	333-2	8-4	53-6	2-0	5-
7-4	26-5	2133-7	375-0	15-5	6-1	231-1	6-0	4-7	3-8	310-5	332-4	7-7	53-5	2-3	9-
8-5	29-0	2311-2	350-0	1-4	5-0	257-4	6-2	7-8	2-5	311-3	332-1	7-3	56-0	2-5	18-
9-4	31-6	2566-3	325-0	11-5	3-8	244-1	5-4	8-5	4-1	312-1	332-3	7-0	59-0	2-9	27-
10-7	34-1	3098-4	300-0	5-5	1-1	244-4	9-4	8-5	4-0	313-0	330-4	6-0	56-1	3-5	33-
11-9	36-8	3465-8	275-0	7-5	-2-0	257-7	7-4	7-1	1-9	314-1	324-3	3-4	34-9	4-0	34-
13-1	39-4	3700-0	250-0	6-6	-13-1	257-4	9-3	9-1	2-0	316-4	322-6	1-9	20-8	4-4	43-
14-3	42-2	4021-1	225-0	5-0	-14-6	257-8	13-4	13-1	2-8	318-1	320-0	3-2	36-7	5-1	48-
15-7	45-0	4352-9	200-0	2-6	-13-2	266-4	14-7	14-7	0-9	319-3	326-7	2-3	29-7	6-2	54-
17-1	47-5	4695-9	175-0	0-3	-16-6	276-0	14-5	14-5	-0-2	320-2	326-2	1-8	26-8	7-2	60-
19-5	51-4	5050-1	150-0	-2-2	-19-4	269-8	14-5	14-5	0-0	320-2	327-0	2-1	38-3	8-2	64-
19-8	53-6	5416-5	125-0	-4-0	-19-9	270-4	15-7	15-7	-0-1	321-2	326-2	1-5	32-2	9-3	67-
21-3	56-8	5766-7	100-0	-7-9	-40-3	274-0	17-1	17-0	1-5	323-2	324-6	0-4	-7	10-7	70-
22-4	59-9	6185-1	875-0	-5-2	-57-8	259-3	17-6	17-2	3-6	326-6	326-8	0-0	1-0	12-3	72-
24-4	63-1	6610-9	850-0	-12-5	-57-8	259-7	19-5	19-1	3-3	327-6	327-7	0-0	1-0	14-0	72-
26-2	66-4	7064-2	825-0	-16-4	-60-5	263-7	19-4	19-3	1-5	328-6	328-1	0-0	1-0	16-1	74-
29-1	69-9	7596-8	800-0	-20-0	-61-5	263-9	18-2	18-1	2-3	329-0	329-1	0-0	1-2	18-2	75-
30-0	73-3	8023-0	775-0	-22-0	-61-5	268-2	16-6	16-3	6-9	321-2	331-5	0-0	1-0	20-3	75-
32-2	77-6	8475-7	350-0	-25-8	-64-4	261-9	21-7	19-1	10-	334-0	334-0	0-0	1-0	22-9	74-
34-3	81-8	9009-0	325-0	-26-7	-62-0	259-8	20-5	17-7	10-3	335-7	335-8	0-0	1-0	25-5	73-
36-6	85-5	9579-2	300-0	-28-2	-71-9	261-4	20-2	18-0	9-8	337-1	337-2	0-0	1-0	28-3	71-
39-0	9-2	10176-9	275-0	-38-4	-67-9	255-6	22-8	18-0	9-4	338-1	339-9	59-9	555-9	31-2	71-
41-4	91-3	11310-6	250-0	-43-5	-67-9	253-4	26-1	24-0	7-5	341-4	339-9	7-9	999-9	34-7	70-
44-0	94-0	12109-2	200-0	-47-7	-67-9	259-9	29-7	28-3	7-1	351-6	339-9	99-9	999-9	38-6	71-
46-3	103-0	13159-7	175-0	-57-7	-67-9	259-0	31-0	30-5	5-9	354-7	339-9	99-9	999-9	43-3	71-
50-0	108-5	14210-0	150-0	-62-3	-67-9	255-0	26-5	26-6	4-9	352-8	339-9	59-9	999-9	49-1	72-
53-5	114-5	15243-3	125-0	-63-7	-67-9	246-1	16-7	15-8	8-6	379-7	339-9	59-9	999-9	55-2	73-
57-5	128-7	16409-7	100-0	-67-4	-67-9	246-1	15-7	12-7	9-2	399-2	339-9	59-9	999-9	60-6	73-
62-1	138-7	17415-7	75-0	-61-7	-67-9	199-2	8-8	-0-1	8-6	443-7	339-9	59-9	999-9	67-8	70-
67-5	149-0	20155-9	50-0	-71-4	-67-9	199-2	7-0	-0-1	8-6	508-2	339-9	59-9	999-9	68-6	67-
75-5	163-5	25511-3	25-0	-86-5	-67-9	90-0	9-6	-9-4	8-0	651-2	339-9	59-9	999-9	63-5	64-

9-47 SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 8-01 TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
 10-01 SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 454  
 TOPICA, KANSAS

 7 JUNE 1970  
 2305 GMT

149 12. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DE C	DBR PT DE C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY 1 DEG M	S POT 1 DEG M	WZ RTO GPM/KG	BN ACT	RANGE KM	AZ DEG
0-0	0-5	268-0	673-0	27-2	22-0	180-0	3-1	0-0	3-1	302-7	351-4	10-3	77-0	0-0	0-0
00-9	00-9	99-9	1000-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
00-9	00-9	99-9	975-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
0-8	10-5	480-0	950-0	26-2	19-9	170-9	3-6	-0-4	3-6	303-7	345-0	15-6	68-4	0-3	4-0
1-6	12-6	715-0	925-0	24-1	19-4	160-0	3-3	-1-7	3-0	303-9	345-8	15-6	75-2	0-4	3-7
2-3	14-0	955-5	900-0	21-5	16-2	169-9	2-6	-0-9	2-6	303-0	343-6	15-9	71-9	0-5	3-2
3-3	16-9	1199-0	875-0	19-5	16-0	177-0	3-1	-0-2	3-1	304-0	341-7	14-0	84-8	0-7	3-3
4-4	19-1	1459-0	850-0	16-0	16-0	204-0	6-2	2-6	5-7	305-1	342-1	13-6	87-9	1-0	3-7
5-4	21-3	1705-9	825-0	17-2	13-2	214-5	9-8	3-3	4-0	306-0	339-1	11-7	78-1	1-3	10-0
6-5	23-5	1968-0	800-0	17-0	9-5	220-1	2-9	1-0	2-2	310-1	336-7	9-4	58-5	1-6	13-0
7-4	25-0	2241-0	775-0	15-9	8-2	255-6	1-3	1-3	0-3	310-9	336-1	8-9	60-2	1-6	15-0
8-5	29-1	2518-0	740-0	17-1	6-7	260-0	3-1	3-1	0-2	310-6	334-4	8-3	65-0	1-6	19-0
9-6	32-5	3097-4	700-0	11-1	5-3	237-1	8-4	5-1	3-3	312-3	334-0	7-0	65-0	1-9	23-0
10-7	32-0	3399-9	675-0	5-3	-0-4	239-8	10-9	9-1	5-3	310-0	328-4	6-1	37-6	2-9	31-0
11-0	37-0	3712-5	650-0	7-8	-1-2	242-1	13-0	11-4	6-1	317-0	334-0	5-4	58-2	3-6	42-0
12-2	40-2	4036-7	625-0	5-0	-2-5	245-0	15-0	13-6	6-3	318-2	333-4	5-1	58-2	4-6	47-0
13-4	42-7	4366-8	600-0	2-5	-0-8	248-4	15-9	14-8	5-8	318-0	337-4	6-2	80-7	5-7	51-0
14-1	45-3	4709-6	575-0	-0-6	-2-1	254-4	15-0	14-5	4-1	319-3	336-9	5-7	89-3	6-9	54-0
15-1	49-0	5083-5	550-0	-3-7	-4-4	258-0	14-5	14-3	2-8	319-7	335-0	5-0	95-4	8-0	58-0
16-1	50-0	5430-2	525-0	-4-0	-6-4	254-3	14-5	14-0	3-9	321-2	333-2	3-9	83-0	9-2	60-0
17-2	53-6	5810-7	500-0	-8-2	-20-9	257-5	15-7	15-4	3-4	323-1	328-4	1-6	39-5	10-6	62-0
18-7	56-4	6706-4	475-0	-9-7	-40-4	256-7	16-3	15-9	3-8	326-0	326-9	0-2	6-3	12-0	64-0
19-4	59-4	6621-6	450-0	-12-9	-46-3	248-2	16-5	15-7	6-3	327-0	327-2	0-1	4-2	13-0	65-0
20-0	62-4	7054-2	425-0	-16-9	-40-5	244-8	16-8	15-2	7-1	327-3	328-3	0-3	10-7	15-3	65-0
21-0	65-5	7506-5	400-0	-19-2	-48-3	242-9	18-8	16-7	8-6	330-8	330-8	0-1	5-6	17-2	65-0
22-9	68-9	7983-7	375-0	-22-2	-51-2	236-9	22-4	18-0	12-2	332-1	332-6	0-1	5-1	19-7	65-0
23-8	72-3	8407-2	350-0	-25-5	-50-6	233-3	23-0	18-0	13-6	334-3	334-7	0-1	7-3	22-4	63-0
24-8	75-7	9020-1	325-0	-28-9	-51-0	237-6	22-8	19-3	12-1	335-2	335-8	0-1	7-8	25-3	62-0
25-2	79-4	9504-9	300-0	-34-8	-56-0	244-0	22-7	20-4	10-0	338-4	336-0	0-1	8-4	28-2	62-0
26-0	83-2	10197-4	275-0	-38-2	-59-0	249-0	28-8	27-0	9-9	339-8	339-9	99-9	999-9	31-0	63-0
27-0	87-3	10937-0	250-0	-42-0	-59-9	257-7	36-4	35-3	9-0	342-0	342-0	96-9	999-9	37-1	64-0
28-6	91-7	11543-3	225-0	-45-9	-59-9	250-0	40-2	39-4	8-4	343-4	343-4	99-9	999-9	43-9	66-0
29-4	96-2	12320-0	200-0	-50-1	-59-9	261-0	45-1	48-5	7-7	352-4	352-4	99-9	999-9	51-7	68-0
30-8	101-3	13178-0	175-0	-54-8	-59-9	266-3	46-0	45-8	2-9	354-3	354-3	99-9	999-9	61-8	71-0
31-6	106-0	14137-7	150-0	-60-6	-59-9	260-0	34-4	33-0	0-0	358-5	358-5	99-9	999-9	70-5	73-0
32-5	112-8	15237-0	125-0	-65-5	-59-9	248-1	24-3	32-6	9-0	370-4	370-4	99-9	999-9	77-3	73-0
33-5	119-7	16604-1	100-0	-68-7	-59-9	242-3	15-3	13-5	7-1	400-5	400-5	99-9	999-9	83-3	72-0
34-3	127-7	18100-1	75-0	-61-6	-59-9	173-5	5-8	-1-1	9-7	443-6	443-6	99-9	999-9	86-5	71-0
35-5	137-5	20091-1	50-0	-58-9	-59-9	96-0	6-2	-0-1	0-7	504-0	504-0	99-9	999-9	86-8	70-0
36-2	149-5	25015-5	25-0	-47-8	-59-9	99-9	99-9	99-9	99-9	647-5	647-5	99-9	999-9	81-3	68-0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 486  
 TOPEKA, KANSAS

 8 JUNE 1979  
 155 GM.

137 73. 0

TIME MIN	CHCTY	HEIGHT GPM	PRES MS	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MR RTO CM/SEC	MM PCY	RANGE KM	AZ DEG
0.0	9.9	268.0	973.8	26.1	21.7	80.0	3.1	-3.1	-0.5	301.2	240.9	17.1	77.0	0.0	0.
99.9	99.9	99.9	1000.0	1.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	11.1	487.2	950.0	25.2	20.5	76.9	2.5	-5.7	-1.3	302.2	340.1	16.2	75.1	0.3	251.
2.0	11.5	721.9	925.0	23.2	19.9	64.7	6.8	-6.2	-2.9	303.2	348.1	16.1	82.2	0.7	253.
2.9	15.8	961.1	900.0	21.2	19.5	65.0	5.7	-5.7	-2.4	303.4	348.4	16.1	90.0	1.1	252.
3.9	19.2	1205.6	875.0	15.9	18.7	62.8	4.8	-4.3	-2.2	304.0	345.4	15.4	93.0	1.4	249.
4.8	23.6	1455.4	850.0	17.5	16.3	51.4	3.3	-2.4	-2.0	304.2	342.1	13.9	54.6	1.6	248.
5.8	23.0	1710.9	825.0	18.0	10.4	33.1	1.8	0.8	-1.6	307.5	336.6	9.7	61.1	1.7	245.
6.6	24.5	1974.1	802.0	16.3	8.1	28.9	2.3	2.2	-0.6	308.2	332.6	8.6	58.6	1.7	242.
7.7	28.0	2243.5	775.0	14.2	8.4	25.6	2.2	1.0	2.0	309.1	331.6	9.0	60.2	1.5	241.
8.4	13.6	2520.6	750.0	12.9	5.0	15.9	4.2	-2.9	3.0	310.2	331.4	7.4	58.7	1.6	247.
10.0	33.2	2805.0	725.0	11.5	4.0	15.5	3.4	-1.3	3.1	312.1	332.4	7.0	59.7	1.7	257.
11.1	35.8	3157.8	700.0	9.9	2.7	21.1	3.3	2.1	2.5	313.5	332.9	6.7	60.6	1.7	262.
12.4	35.5	3199.3	675.0	7.4	2.7	24.0	4.7	4.4	1.8	314.5	334.1	6.9	72.0	1.4	267.
13.4	41.2	3709.0	650.0	4.6	2.2	25.3	6.2	6.0	1.5	314.4	334.5	6.9	83.3	1.3	272.
14.8	44.0	4028.7	625.0	2.2	0.3	55.9	98.9	98.9	98.9	316.1	338.8	6.3	81.4	0.5	285.
16.3	45.9	4358.2	600.0	1.2	0.9	99.9	99.9	99.9	99.9	317.2	339.9	55.9	95.9	99.9	99.9
17.3	45.8	4699.1	575.0	-0.4	0.9	99.9	99.9	99.9	99.9	319.4	330.4	3.6	95.9	99.9	99.9
18.5	52.8	5022.0	550.0	-4.0	-0.9	99.9	99.9	99.9	99.9	320.0	331.2	3.6	86.5	4.4	81.
19.9	55.9	5417.6	525.0	-7.0	-9.2	99.9	99.9	99.9	99.9	321.4	327.3	1.7	46.8	5.9	65.
21.3	58.9	5756.6	500.0	-9.6	-19.3	26.4	19.0	19.0	0.2	321.4	327.3	0.0	1.0	7.9	66.
22.9	62.1	6192.2	475.0	-10.4	-19.5	26.3	15.7	19.5	3.0	325.1	324.3	0.2	7.8	10.5	83.
25.2	65.4	6604.3	450.0	-15.1	-42.8	22.9	19.8	18.9	5.8	324.3	324.9	0.2	7.8	10.5	83.
26.4	65.9	7033.1	425.0	-19.1	-37.9	24.8	21.7	19.1	10.2	324.4	325.7	0.3	17.2	11.9	82.
27.7	72.3	7467.4	400.0	-16.1	-19.4	24.2	27.9	19.5	20.0	334.0	341.6	2.2	82.7	13.6	78.
29.5	76.0	7972.7	375.0	-17.6	-20.1	21.6	31.7	21.1	23.8	339.2	345.4	2.1	80.3	16.2	71.
30.8	79.7	8496.5	350.0	-21.0	-23.8	21.1	35.3	23.2	26.6	340.2	348.1	1.6	77.4	14.6	67.
32.1	83.7	9033.4	325.0	-24.5	-24.0	21.5	34.5	21.9	26.6	342.9	347.1	1.2	72.4	21.1	64.
33.6	87.7	9609.1	300.0	-28.8	-31.4	20.2	32.2	20.8	24.6	344.8	342.6	0.8	64.3	23.7	61.
35.3	92.2	10226.2	275.0	-33.7	-36.4	21.8	33.3	20.8	28.0	346.4	348.3	0.5	60.5	26.9	58.
37.0	98.8	10886.6	250.0	-39.6	99.9	27.2	38.7	24.0	28.7	347.1	349.9	55.9	95.9	37.2	56.
39.5	101.6	11598.4	225.0	-45.5	99.9	23.0	47.5	38.8	28.6	348.7	350.9	99.9	95.9	37.0	55.
42.6	106.8	12375.7	200.0	-51.0	59.9	21.1	46.5	40.7	22.5	352.1	350.9	99.9	99.9	45.8	55.
44.8	112.5	13230.9	175.0	-52.0	59.9	23.1	46.7	42.4	19.7	354.2	359.9	99.9	99.9	51.7	56.
47.2	118.8	14181.7	150.0	-66.6	99.9	24.7	42.7	45.0	18.7	355.3	359.9	55.9	99.9	58.5	57.
50.6	125.8	15267.7	125.0	-71.7	59.9	28.5	39.4	38.6	7.0	365.2	360.9	55.9	99.9	63.3	59.
53.4	136.0	16636.9	100.0	-62.3	59.9	11.2	7.6	-1.2	7.5	407.2	360.9	99.9	99.9	74.0	61.
61.5	143.3	18394.6	75.0	-63.9	59.9	99.9	99.9	99.9	99.9	438.5	360.9	55.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

 \* BY SPEED MEANS ELEVATION ANGLE BETWEEN A AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE CP TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456  
 TOPERA, KANSAS

 8 JUNE 1979  
 505 GMT

TIME MIN	CNDCT	HEIGHT GPN	PRES MB	TEMP DG C	DPR PT DG C	WTR DG	SPED M/S C	U COMP W/SEC	V COMP M/SEC	PGT V CG M	E POT Y UG K	MX RTO CM/KG	RM PCT	114 107. 0	
														RANGE AN	AZ DG
0.0	7.4	268.0	976.2	15.4	19.4	100.0	5.1	-5.0	0.9	294.6	332.6	18.7	100.0	0.0	0.0
3.9	94.5	99.9	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5.1	7.4	276.6	975.0	15.8	19.2	99.9	55.5	99.9	99.9	295.1	332.6	14.6	96.8	99.9	99.9
1.0	10.1	408.6	950.0	23.5	17.2	99.9	99.9	99.9	99.9	301.0	332.6	1.2	58.1	99.9	99.9
1.9	12.3	718.0	925.0	23.3	12.9	99.9	99.9	99.9	99.9	303.2	332.6	10.2	52.0	1.2	292.0
2.8	14.5	577.5	900.0	21.5	11.0	100.0	8.4	-7.9	2.8	303.2	332.6	9.2	51.6	1.8	292.0
3.7	16.8	1.10.7	875.0	20.8	11.1	100.0	7.1	-7.0	5.3	304.4	332.6	9.5	53.7	2.2	292.0
4.6	19.1	1470.2	850.0	17.2	10.1	100.0	7.4	0.6	7.4	304.2	332.6	9.2	63.0	2.5	300.0
6.0	21.4	1725.6	825.0	14.6	9.9	210.2	6.0	4.0	6.9	305.1	331.0	9.4	65.1	2.6	312.0
6.9	23.7	1948.5	800.0	14.1	9.5	213.0	5.2	4.5	6.9	306.2	331.2	9.0	71.0	2.7	321.0
7.8	26.1	2168.0	775.0	12.5	9.5	215.7	4.6	5.0	7.0	307.3	332.5	9.0	76.3	2.8	320.0
9.9	28.5	2428.6	750.0	10.1	9.1	218.5	4.4	4.8	6.9	307.2	331.1	9.1	82.4	3.2	340.0
13.6	31.0	2410.0	725.0	7.7	5.9	225.1	4.3	4.8	5.8	307.5	330.7	8.1	88.6	3.7	351.0
12.3	33.4	3390.6	700.0	6.6	5.1	221.2	4.7	5.6	1.3	309.2	332.3	7.9	90.0	4.0	1.0
13.7	35.0	3398.3	675.0	5.4	4.0	220.0	11.4	11.4	-1.8	311.7	333.4	7.6	90.6	4.0	14.0
14.9	36.4	4724.7	650.0	4.5	5.4	220.0	12.1	12.1	-0.0	316.3	341.7	8.7	92.6	4.2	25.0
15.5	41.1	4131.5	625.0	2.3	6.7	222.7	12.7	12.1	3.8	320.2	349.5	9.9	95.1	4.5	31.0
17.7	43.4	4171.0	600.0	0.0	8.7	233.5	12.1	10.8	5.4	326.2	362.2	11.9	98.1	5.2	36.0
17.9	45.4	3728.3	575.0	0.5	5.2	231.1	8.9	7.8	4.3	327.7	357.6	9.9	91.3	5.9	39.0
19.3	47.3	5137.4	550.0	1.2	-2.2	245.2	3.4	3.1	1.4	325.2	348.3	6.1	77.9	6.3	41.0
20.8	52.1	5853.5	525.0	-1.2	-11.4	221.1	2.1	1.4	1.5	319.4	328.6	3.0	71.4	6.4	41.0
21.6	53.0	5433.2	500.0	-11.4	-16.1	218.9	2.1	1.8	2.4	319.4	328.0	2.2	68.2	6.6	41.0
22.3	58.0	6228.4	475.0	-11.7	-16.6	217.4	2.7	3.5	8.6	323.5	330.5	2.2	68.7	6.9	41.0
24.5	61.2	6442.7	450.0	-10.7	-15.9	231.2	10.2	8.0	6.4	329.5	337.8	2.5	65.4	7.7	41.0
26.5	64.1	7178.3	425.0	-13.3	-18.7	233.4	12.7	10.6	7.9	331.5	333.8	2.0	63.4	9.0	44.0
28.6	67.4	7518.3	400.0	-15.6	-21.1	225.6	14.6	13.3	13.0	334.2	340.8	1.8	62.3	11.0	44.0
31.2	70.7	8378.1	375.0	-18.4	-24.1	223.3	21.2	19.5	15.4	337.7	342.3	1.5	60.8	12.9	44.0
33.1	74.1	8938.5	350.0	-21.9	-27.7	215.6	19.9	18.6	16.2	339.3	341.2	1.1	59.3	15.3	44.0
36.2	77.7	9078.1	325.0	-24.8	-31.7	214.8	21.3	12.1	17.4	341.1	341.1	0.8	47.4	17.8	47.0
38.4	81.6	9531.4	300.0	-30.0	-35.9	213.1	23.2	12.7	19.4	341.1	340.3	0.6	50.1	20.7	41.0
39.5	85.4	10768.9	275.0	-35.1	-41.0	213.2	25.1	13.7	21.0	344.4	345.8	0.4	58.5	23.6	40.0
40.6	93.4	13272.3	250.0	-40.4	-45.9	216.2	27.3	14.1	22.1	346.1	999.9	99.9	99.9	27.0	39.0
43.2	93.4	11530.3	225.0	-45.6	-49.9	222.3	29.1	18.5	22.2	347.1	999.9	99.9	99.9	31.3	39.0
46.1	93.4	11500.4	200.0	-51.8	-54.9	226.0	24.4	22.2	19.3	347.7	999.9	99.9	99.9	36.4	40.0
49.4	103.4	11282.7	175.0	-61.1	-59.9	226.9	37.1	30.7	20.0	380.1	999.9	99.9	99.9	43.3	42.0
54.1	104.0	14188.2	150.0	-68.3	-69.9	241.6	35.3	18.5	18.7	352.2	999.9	99.9	99.9	53.2	45.0
61.4	115.1	15268.5	125.0	-70.1	-69.9	599.9	99.9	99.9	99.9	368.0	999.9	99.9	99.9	72.4	52.0
63.4	123.9	30.3	103.0	55.9	52.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	140.2	9.2	75.0	99.9	52.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
94.4	142.7	42.1	51.3	54.9	52.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	144.9	99.9	25.0	54.9	52.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY 5.0 FT MEANS ELEVATION ANGLE BETWEEN 6 AND 15 DEG  
 \* BY 10 FT MEANS TEMPERATURE CM TIME HAVE BEEN INTERPOLATED  
 \* BY 30 FT MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 424  
TOPEKA, KANSAS

8 JUNE 1979  
725 GMT

32 644. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX WIND CM/KG	RM PCT	RANGE KM	AZ DG
0.0	8.2	268.0	1000.0	20.0	20.0	350.0	2.1	0.4	-2.1	293.0	334.4	15.3	100.0	0.0	0.0
0.9	9.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	9.5	297.4	975.0	20.1	19.6	99.9	99.9	99.9	99.9	295.4	334.1	14.9	97.0	99.9	99.9
0.9	10.6	522.1	550.0	18.0	17.4	99.9	99.9	99.9	99.9	296.1	331.5	13.5	92.9	99.9	99.9
1.9	12.7	751.2	925.0	17.1	16.0	99.9	99.9	99.9	99.9	296.8	329.7	12.5	93.2	99.9	99.9
2.8	14.9	983.2	900.0	15.8	14.4	99.9	99.9	99.9	99.9	297.1	328.7	11.6	90.9	99.9	99.9
3.4	17.1	1228.6	875.0	14.5	13.0	99.9	99.9	99.9	99.9	298.5	327.5	10.7	85.2	0.7	25.2
5.7	19.4	1471.1	850.0	13.6	12.0	99.9	99.9	99.9	99.9	302.8	332.5	11.1	83.5	0.9	28.3
6.0	21.6	1725.2	825.0	12.6	11.0	99.9	99.9	99.9	99.9	304.0	333.0	10.6	83.1	0.9	31.1
7.1	23.9	1995.0	800.0	12.4	9.5	99.9	99.9	99.9	99.9	304.4	330.4	9.4	82.4	1.2	34.1
8.3	26.2	2251.6	775.0	10.9	8.0	99.9	99.9	99.9	99.9	305.2	329.9	8.8	82.5	1.6	34.9
9.9	28.5	2423.6	750.0	10.1	7.0	99.9	99.9	99.9	99.9	307.4	331.3	8.5	81.1	1.8	35.7
10.4	30.8	2607.1	725.0	9.4	5.9	99.9	99.9	99.9	99.9	308.7	331.8	8.1	80.9	1.8	36.0
11.9	33.1	3048.6	675.0	8.3	4.2	99.9	99.9	99.9	99.9	309.2	330.4	7.5	80.9	1.8	36.0
13.0	34.4	3701.8	650.0	3.1	1.8	99.9	99.9	99.9	99.9	312.5	332.0	6.7	81.1	99.9	99.9
14.9	36.9	4225.2	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
16.9	39.9	4909.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
18.9	42.9	5594.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
20.9	45.9	6280.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
22.9	48.9	6965.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
24.9	51.9	7650.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
26.9	54.9	8335.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
28.9	57.9	9020.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30.9	60.9	9705.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.9	63.9	10390.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.9	66.9	11075.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
36.9	69.9	11760.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
38.9	72.9	12445.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
40.9	75.9	13130.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
42.9	78.9	13815.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
44.9	81.9	14500.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
46.9	84.9	15185.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
48.9	87.9	15870.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
50.9	90.9	16555.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
52.9	93.9	17240.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
54.9	96.9	17925.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
56.9	99.9	18610.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
58.9	102.9	19295.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
60.9	105.9	19980.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
62.9	108.9	20665.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
64.9	111.9	21350.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 456  
TOPEKA, KANSAS8 JUNE 1979  
1100 GMT

TIME MIN	CHCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	J CORP M/SEC	V CORP M/SEC	POT T DEG C	POT R DEG C	E POT T DEG C	E POT R DEG C	MZ ATIO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	0.0	268.0	978.0	18.9	18.9	50.0	3.1	-2.4	-2.0	293.5	293.5	330.8	330.8	14.2	100.0	0.0	0.0
0.0	0.0	99.9	1000.0	55.9	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	55.9	99.9	99.9	99.9
0.0	0.0	9.7	975.0	19.1	19.1	59.9	99.9	99.9	99.9	294.4	294.4	330.4	330.4	13.9	99.8	99.9	99.9
0.7	10.9	516.3	950.0	18.8	17.0	99.9	99.9	99.9	99.9	295.2	295.2	329.3	329.3	13.0	93.7	99.9	99.9
1.2	13.1	747.3	925.0	18.9	15.9	99.9	99.9	99.9	99.9	296.2	296.2	328.3	328.3	12.4	93.7	99.9	99.9
1.8	15.3	981.7	900.0	18.6	15.4	99.9	99.9	99.9	99.9	298.4	298.4	327.3	327.3	12.4	92.8	0.9	296.0
2.2	17.5	1222.3	875.0	18.2	13.7	181.2	8.4	-2.7	8.0	300.0	300.0	326.9	326.9	11.4	88.2	1.0	297.0
2.7	19.8	1468.5	850.0	18.4	11.4	160.0	8.2	-2.7	7.7	301.4	301.4	326.9	326.9	10.0	80.2	1.2	306.0
3.2	22.1	1721.5	825.0	18.3	9.0	147.4	7.2	-3.9	6.0	303.6	303.6	326.4	326.4	9.2	73.9	1.4	311.0
3.7	24.4	1951.6	800.0	18.2	8.4	148.2	5.9	-4.6	3.6	305.2	305.2	326.4	326.4	8.7	72.7	1.6	312.0
4.4	26.8	2248.7	775.0	18.0	6.7	117.7	3.7	-5.3	1.3	307.7	307.7	326.0	326.0	8.0	68.2	1.8	310.0
5.7	29.2	2554.8	750.0	18.0	3.5	183.5	1.1	0.1	1.3	310.0	310.0	326.0	326.0	6.6	53.0	2.0	310.0
6.9	31.6	2908.4	725.0	11.3	0.4	59.9	99.9	99.9	99.9	313.0	313.0	327.4	327.4	4.9	46.0	99.9	99.9
8.1	34.1	3101.7	700.0	9.4	-1.6	99.9	99.9	99.9	99.9	314.6	314.6	327.3	327.3	4.6	45.0	99.9	99.9
8.9	36.6	3402.5	675.0	7.1	-2.9	99.9	99.9	99.9	99.9	314.6	314.6	327.3	327.3	4.5	52.7	99.9	99.9
9.9	39.1	3711.9	650.0	5.2	-3.7	99.9	99.9	99.9	99.9	314.6	314.6	327.3	327.3	4.4	52.6	99.9	99.9
10.9	41.7	4030.5	625.0	1.7	-4.5	99.9	99.9	99.9	99.9	315.8	315.8	327.3	327.3	4.6	73.6	99.9	99.9
12.4	44.3	4358.6	600.0	-0.3	-4.4	99.9	99.9	99.9	99.9	318.5	318.5	327.3	327.3	4.7	75.7	99.9	99.9
13.8	47.0	4686.0	575.0	-0.9	-4.6	99.9	99.9	99.9	99.9	321.2	321.2	327.3	327.3	4.5	76.7	99.9	99.9
15.4	49.9	5053.0	550.0	-2.4	-5.9	99.9	99.9	99.9	99.9	323.6	323.6	327.3	327.3	4.1	75.6	99.9	99.9
16.8	52.6	5422.3	525.0	-4.1	-7.7	99.9	99.9	99.9	99.9	325.2	325.2	327.3	327.3	3.6	74.3	99.9	99.9
18.2	55.6	5806.3	500.0	-6.2	-10.0	99.9	99.9	99.9	99.9	327.8	327.8	327.3	327.3	3.2	72.5	99.9	99.9
19.6	58.5	6206.8	475.0	-8.2	-12.2	99.9	99.9	99.9	99.9	329.5	329.5	327.3	327.3	2.7	70.6	99.9	99.9
21.1	61.5	6625.3	450.0	-10.6	-14.9	99.9	99.9	99.9	99.9	331.1	331.1	327.3	327.3	2.2	68.6	99.9	99.9
22.6	64.6	7063.5	425.0	-12.2	-17.7	99.9	99.9	99.9	99.9	334.7	334.7	327.3	327.3	1.9	66.4	17.9	50.0
24.1	67.9	7523.3	400.0	-15.6	-20.4	217.0	25.0	15.5	20.6	336.6	336.6	327.3	327.3	1.5	64.6	17.9	50.0
25.7	71.3	8007.6	375.0	-18.7	-23.7	219.5	26.8	17.0	20.6	338.4	338.4	327.3	327.3	1.1	62.7	22.8	46.0
27.3	74.7	8518.1	350.0	-22.5	-27.6	221.2	27.2	17.9	20.4	339.4	339.4	327.3	327.3	0.8	57.7	25.6	47.0
28.9	79.3	9058.3	325.0	-26.7	-32.5	222.5	25.5	17.5	19.1	339.5	339.5	327.3	327.3	0.5	51.9	24.1	47.0
30.7	82.0	9630.5	300.0	-31.3	-37.5	218.9	25.7	18.1	20.0	341.2	341.2	327.3	327.3	0.3	50.1	31.2	46.0
32.6	86.0	10240.0	275.0	-36.8	-43.3	218.6	28.9	18.0	22.5	342.0	342.0	327.3	327.3	55.9	99.9	34.3	45.0
34.4	90.2	10981.9	250.0	-42.5	-50.9	224.7	30.7	21.6	21.8	342.5	342.5	327.3	327.3	99.9	99.9	37.7	46.0
36.2	94.5	11859.0	225.0	-48.6	-59.9	234.2	31.4	25.4	18.4	342.5	342.5	327.3	327.3	99.9	99.9	41.7	47.0
38.4	99.2	12856.3	200.0	-54.8	-69.9	245.8	33.7	30.8	13.0	342.5	342.5	327.3	327.3	99.9	99.9	47.0	50.0
40.9	104.2	13902.5	175.0	-58.5	-79.9	260.3	36.2	33.1	14.5	353.4	353.4	327.3	327.3	99.9	99.9	52.0	51.0
43.3	109.6	14957.2	150.0	-64.7	-89.9	260.6	34.4	29.9	16.9	353.4	353.4	327.3	327.3	99.9	99.9	57.6	52.0
46.4	115.4	15957.5	125.0	-68.2	-99.9	244.2	24.8	22.4	10.8	371.4	371.4	327.3	327.3	99.9	99.9	61.5	52.0
50.3	121.0	16954.6	100.0	-66.8	-99.9	212.8	12.8	6.9	10.7	398.6	398.6	327.3	327.3	99.9	99.9	63.6	51.0
58.5	131.0	19342.6	75.0	-67.2	-99.9	173.5	6.5	-0.7	6.5	436.2	436.2	327.3	327.3	99.9	99.9	63.6	51.0
62.9	141.0	20871.0	50.0	-55.8	-99.9	117.5	8.6	-7.6	4.0	513.5	513.5	327.3	327.3	99.9	99.9	63.6	51.0
69.6	151.0	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 MY SPEED MEANS FLUTTERING ANGLE BETWEEN 6 AND 10 DEG

0 MY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

00 MY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 449  
 DENVER, COLORADO

 7 JUNE 1979  
 1105 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WX RTO CM/SEC	SH PCY	RANGE KM	AZ DEG
0.0	23.3	1611.0	830.0	14.4	8.0	90.0	3.1	-3.1	0.0	303.3	327.0	8.0	40.0	0.0	0.0
0.0	23.4	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	23.5	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	23.6	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	23.7	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	23.8	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	23.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	24.0	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	24.1	1622.1	825.0	13.4	8.5	99.9	99.9	99.9	99.9	302.7	326.1	8.5	72.3	99.9	99.9
1.0	24.2	1927.7	800.0	11.2	6.9	99.9	99.9	99.9	99.9	303.0	327.7	9.0	72.3	99.9	99.9
1.9	24.3	2185.9	775.0	5.2	7.5	99.9	99.9	99.9	99.9	303.6	328.1	8.5	80.9	99.9	99.9
2.9	24.4	2457.6	750.0	7.9	3.4	306.4	1.3	1.0	-0.8	305.2	328.2	6.7	75.2	0.5	255
3.8	24.5	2738.8	725.0	6.2	4.3	236.3	2.7	2.2	1.5	306.3	328.8	7.2	87.4	0.6	257
4.9	24.6	3025.2	700.0	6.0	1.3	241.3	3.0	4.3	2.4	309.2	329.6	6.1	71.9	0.2	289
6.1	24.7	3322.6	675.0	4.1	-2.7	271.7	6.0	6.8	-0.6	310.2	329.8	4.4	61.0	0.2	51
7.1	24.8	3626.7	650.0	1.9	-6.3	268.1	9.3	7.2	0.9	311.1	329.1	3.7	54.4	0.6	81
8.2	24.9	3946.0	625.0	-0.1	-17.6	265.3	13.2	13.1	0.9	312.2	317.5	1.6	27.2	1.4	82
9.3	25.0	4269.6	600.0	-2.0	-27.1	271.1	16.5	16.9	-0.3	313.8	319.1	0.7	12.8	2.4	86
10.5	25.1	4606.1	575.0	-4.8	-19.5	264.8	20.7	20.6	1.9	314.4	319.4	1.6	34.1	3.0	87
11.6	25.2	4954.6	550.0	-7.0	-10.4	253.3	23.2	22.2	6.7	315.8	320.5	3.2	74.8	5.2	85
12.9	25.3	5315.9	525.0	-5.7	-11.5	248.2	25.2	23.4	9.3	316.6	320.1	3.0	80.6	6.9	81
14.2	25.4	5691.2	500.0	-12.6	-15.5	250.8	24.2	22.0	8.0	317.7	320.9	2.3	78.0	8.9	78
15.7	25.5	6081.7	475.0	-14.7	-21.7	250.9	24.0	22.7	7.9	319.8	320.4	1.4	54.9	11.0	77
17.1	25.6	6488.8	450.0	-18.0	-24.0	243.1	25.3	22.1	11.4	320.6	320.7	1.2	50.2	13.2	75
18.5	25.7	6913.7	425.0	-20.6	-21.8	239.0	26.8	22.9	13.8	322.5	327.7	1.6	50.2	15.1	73
20.2	25.8	7362.3	400.0	-23.1	-40.1	238.7	30.6	26.2	15.9	327.6	328.6	0.3	18.1	18.1	71
22.1	25.9	7835.1	375.0	-25.4	-41.7	238.8	30.1	26.0	15.1	327.5	328.9	0.3	20.1	21.4	69
24.0	26.0	8333.2	350.0	-27.7	-47.2	244.1	32.1	26.9	14.0	331.2	332.9	0.1	13.4	23.1	68
26.2	26.1	8861.5	325.0	-32.1	-50.0	239.5	31.8	27.4	16.1	332.4	332.9	0.1	14.9	29.3	67
28.2	26.2	9420.7	300.0	-37.1	-53.1	237.6	29.6	27.0	15.8	333.2	333.2	0.1	16.8	32.9	66
30.4	26.3	10015.5	275.0	-42.3	-59.9	235.0	28.1	23.3	15.7	333.5	333.5	99.9	99.9	36.7	65
32.9	26.4	10653.7	250.0	-47.2	-59.9	238.7	30.4	24.0	15.8	335.4	339.9	99.9	99.9	40.7	64
35.3	26.5	11345.7	225.0	-49.3	-59.9	243.7	28.9	25.7	13.3	342.5	342.5	99.9	99.9	45.7	64
38.1	26.6	12115.6	200.0	-51.2	-59.9	240.1	29.5	25.6	14.7	351.7	351.7	99.9	99.9	50.3	64
41.0	26.7	12974.2	175.0	-56.4	-59.9	239.2	30.4	25.9	16.0	356.2	356.2	99.9	99.9	55.4	63
44.5	26.8	13946.6	150.0	-57.6	-59.9	243.9	28.6	25.7	12.6	370.5	370.5	99.9	99.9	61.9	63
47.9	26.9	15084.8	125.0	-60.4	-59.9	237.1	15.7	16.5	10.7	385.4	385.4	99.9	99.9	66.6	63
52.8	27.0	16662.6	100.0	-63.0	-59.9	241.3	18.1	16.1	8.1	406.6	399.9	99.9	99.9	72.1	61
58.3	27.1	18472.0	75.0	-67.4	-59.9	216.1	11.1	6.8	8.7	442.6	442.6	99.9	99.9	76.9	62
66.3	27.2	20501.3	50.0	-64.6	-59.9	157.5	6.6	-2.5	6.1	454.5	454.5	99.9	99.9	78.1	61
77.3	27.3	25312.0	25.0	-65.7	-59.9	101.9	6.9	-6.7	1.4	453.1	453.1	99.9	99.9	76.4	59

 0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 469 DENVER, COLORADO														
7 JUNE 1979														
1405 GMT														
TIME	CMCT	WGTG	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT Y	E POT Y	MX RTO	RM	RANGE
MIN		GPM	MM	OC C	OC C	DB	M/SEC	M/SEC	M/SEC	OC M	OC K	CM/KG	PCT	KM
0.0	28.4	1811.0	832.7	11.7	4.4	30.0	6.7	-3.3	-5.8	300.2	317.7	6.3	61.0	0.0
00.9	93.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.8	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02.7	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03.6	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04.5	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05.4	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
06.3	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
07.2	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
08.1	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
10.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
11.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
12.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
13.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
14.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
15.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
16.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
17.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
18.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
19.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
20.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
21.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
22.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
23.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
24.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
25.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
26.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
27.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
28.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
29.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
36.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
37.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
38.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
39.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
40.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
41.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
42.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
43.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
44.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
45.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
46.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
47.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
48.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
49.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
50.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
51.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
52.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 468 DENVER, COLORADO													
7 JUNE 1979													
1705 GMT													
TIME MIN	CMCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIS DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MAX RTD CM/KG	RH PCT
0.0	22.8	1611.0	815.0	11.1	6.6	170.0	3.6	-0.6	3.5	299.3	319.5	7.4	74.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	23.8	1711.4	825.0	9.4	1.7	135.9	7.5	-5.2	5.4	298.5	313.2	5.3	58.8
1.4	26.4	1965.3	800.0	6.1	0.9	131.9	5.1	-7.8	3.4	292.7	311.9	5.1	65.3
2.5	29.0	2224.8	775.0	4.3	2.2	125.5	3.4	-2.7	2.2	258.4	314.5	5.4	86.1
3.5	31.6	2491.5	750.0	2.6	2.4	143.0	2.2	-1.4	1.8	299.4	316.2	6.1	68.3
4.6	34.2	2765.9	725.0	2.0	1.8	205.3	3.4	1.7	3.0	301.7	318.5	6.0	94.3
5.7	37.0	3049.6	700.0	1.7	1.4	259.7	5.4	5.1	1.9	304.4	321.4	6.4	97.7
6.4	38.8	3342.8	675.0	0.7	0.4	267.8	6.4	6.6	0.3	304.5	323.1	5.8	97.6
8.6	42.6	3846.3	650.0	-0.0	-0.4	235.3	7.1	6.1	3.6	308.5	325.5	5.7	97.3
10.2	45.5	4060.2	625.0	-1.3	-1.7	203.6	5.6	4.2	8.7	310.5	326.7	5.4	97.3
11.4	48.4	4285.3	600.0	-2.7	-3.1	203.6	13.9	5.6	12.8	313.0	328.0	5.1	96.9
12.6	51.4	4623.0	575.0	-3.6	-4.1	208.8	19.1	9.2	16.8	315.8	330.6	4.9	96.3
13.5	54.4	4973.6	550.0	-5.7	-6.4	219.5	21.1	13.4	16.3	315.2	330.4	4.3	95.3
14.6	57.5	5337.5	525.0	-7.3	-8.1	230.1	22.6	17.3	14.5	319.6	331.9	4.0	94.3
15.6	60.4	5716	500.0	-11.2	-13.0	237.4	24.4	20.5	13.2	319.4	328.3	2.8	86.5
17.1	64.0	6107.5	475.0	-14.0	-16.3	234.2	23.4	19.9	12.3	320.7	326.8	1.9	69.6
19.5	67.4	6516.8	450.0	-16.7	-19.1	231.1	21.1	17.3	11.3	322.4	327.9	1.7	74.3
20.0	71.9	6944.0	425.0	-20.0	-22.9	240.2	22.7	19.7	11.3	323.4	326.5	0.9	45.0
21.5	74.4	7391.1	400.0	-22.8	-26.7	242.9	28.0	24.9	12.7	325.4	325.9	0.4	26.9
23.3	78.2	7862.2	375.0	-25.1	-28.9	238.9	31.3	27.8	16.2	328.4	329.3	0.3	19.1
25.0	82.1	8359.6	350.0	-29.1	-34.6	235.1	31.3	27.7	17.9	329.5	330.2	0.2	20.6
26.9	86.2	8824.8	325.0	-31.3	-39.1	232.5	31.6	25.1	19.3	330.8	331.3	0.1	18.4
29.0	92.5	9442.1	300.0	-37.4	-45.9	228.2	32.8	24.4	21.8	334.4	332.8	0.1	23.2
31.5	95.0	10036.3	275.0	-42.2	-50.9	225.4	35.5	25.3	24.9	336.1	336.1	99.9	99.9
33.6	99.8	10677.2	250.0	-46.3	-54.9	224.4	35.5	26.9	23.8	340.2	340.2	99.9	99.9
35.8	104.8	11381.7	225.0	-46.6	-54.9	228.1	38.1	26.4	25.4	347.0	347.0	99.9	99.9
38.4	112.2	12154.7	200.0	-51.3	-59.9	231.3	38.4	30.0	26.0	351.5	351.5	99.9	99.9
41.3	116.3	13016.6	175.0	-54.3	-59.9	239.7	37.7	32.5	19.0	360.4	360.4	99.9	99.9
44.6	122.7	14000.4	150.0	-54.5	-59.9	241.2	29.4	25.4	12.8	378.5	378.5	99.9	99.9
47.9	129.7	15147.1	125.0	-61.5	-59.9	232.7	21.6	17.2	13.1	383.6	383.6	99.9	99.9
52.1	137.3	16528.9	100.0	-57.7	-59.9	226.8	18.2	13.3	12.5	410.3	410.3	99.9	99.9
57.3	145.7	18128.4	75.0	-57.9	-59.9	213.8	11.1	6.2	9.2	451.4	451.4	99.9	99.9
64.6	154.3	20898.5	50.0	-55.0	-59.9	163.9	5.9	-1.6	5.7	514.0	514.0	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 469  
 DENVER, COLORADO

 7 JUNE 1970  
 2005 GMT

TIME MIN	CNTCT	HEIGHT GEM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT 1 DEG M	E POT 1 DEG K	MR RTO CM/KG	SH PCT	RANGE KM	AZ DEG
0.0	22.7	1611.0	836.7	18.0	4.2	120.0	2.6	-2.3	1.3	298.3	317.6	7.1	77.0	0.0	0.
0.9	23.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	24.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	25.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	26.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	27.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	28.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	29.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	23.7	1707.9	825.0	7.8	4.2	130.7	1.8	-1.4	1.2	296.5	314.1	6.3	78.4	0.0	100.
1.3	26.2	1911.1	800.0	5.4	4.1	135.4	2.1	-1.5	1.5	296.5	314.5	6.5	91.3	0.1	315.
2.3	29.7	2220.5	775.0	4.2	3.3	130.4	3.7	-2.8	2.4	298.2	315.5	6.3	91.7	0.3	312.
3.3	31.1	2487.7	750.0	3.8	2.7	125.8	3.5	-2.7	2.2	300.7	316.0	6.2	92.3	0.5	311.
4.5	36.0	2763.1	725.0	2.5	1.1	118.9	3.6	-3.2	1.6	302.2	316.4	5.7	90.4	0.7	309.
5.7	36.7	3086.9	700.0	0.9	-0.6	142.5	7.3	-3.8	6.2	302.2	316.4	5.3	89.6	1.1	311.
6.7	39.3	3338.7	675.0	-0.9	-4.2	164.1	12.0	-3.3	11.5	304.4	316.6	4.2	78.4	1.6	321.
7.7	42.2	3630.0	650.0	-1.0	-1.0	172.8	16.3	-2.0	16.1	307.5	323.7	5.4	100.6	2.4	330.
8.5	45.0	3953.9	625.0	-0.5	-0.5	184.2	17.5	1.3	17.5	311.5	329.1	5.9	100.7	3.1	337.
9.3	47.9	4280.4	600.0	-1.4	-1.4	154.5	18.7	5.2	17.6	314.2	331.1	5.7	100.5	3.9	344.
10.5	50.9	4616.4	575.0	-3.9	-3.9	213.9	18.9	10.5	15.7	315.5	330.5	5.0	100.2	5.0	355.
11.9	53.9	4959.2	550.0	-5.8	-5.8	220.2	21.1	15.3	14.6	317.3	331.0	4.5	99.9	6.1	5.
13.4	57.0	5332.1	525.0	-8.8	-9.2	236.0	22.9	19.0	12.8	317.8	329.0	3.6	97.5	7.7	17.
15.0	62.3	5709.2	500.0	-11.2	-13.0	235.3	26.9	23.1	13.7	319.4	328.2	2.8	86.2	9.6	26.
16.2	63.5	6101.5	475.0	-13.7	-15.5	241.4	29.9	26.3	14.4	321.0	328.7	2.4	86.0	11.4	32.
17.7	66.9	6510.7	450.0	-16.6	-14.8	243.6	31.5	28.2	14.0	322.4	328.6	1.9	83.2	13.8	38.
19.2	70.1	6918.4	425.0	-19.4	-22.0	241.5	33.9	29.8	16.2	324.1	329.2	1.5	80.0	16.5	42.
20.8	73.7	7317.2	400.0	-21.9	-24.9	230.5	36.9	29.1	19.3	326.2	330.8	1.3	76.3	19.6	45.
22.4	77.4	7859.9	375.0	-24.8	-28.6	227.6	39.6	25.0	22.8	328.6	332.1	1.0	70.5	23.0	46.
23.6	81.3	8357.9	350.0	-28.8	-33.3	221.2	31.4	20.7	23.6	330.0	332.3	0.6	64.3	25.8	46.
25.4	85.3	8804.1	325.0	-32.9	-38.3	218.9	30.5	19.1	23.7	331.4	332.9	0.4	57.9	29.7	45.
27.1	89.5	9442.5	300.0	-37.1	-43.0	220.3	33.3	21.8	25.4	333.2	334.2	0.3	53.7	32.0	43.
29.1	93.8	10036.4	275.0	-41.5	-49.9	222.9	36.9	25.1	27.1	335.1	334.9	99.9	99.9	36.1	44.
31.3	99.6	10678.7	250.0	-46.0	59.9	231.0	40.2	31.2	25.2	337.8	339.9	99.9	99.9	41.1	44.
33.9	103.6	11378.9	225.0	-46.5	99.9	234.5	43.6	35.5	25.3	347.3	339.9	99.9	99.9	47.6	48.
36.5	104.8	12155.5	200.0	-45.5	59.9	238.1	43.3	38.5	23.9	354.4	339.9	99.9	99.9	56.5	47.
39.5	114.8	13021.7	175.0	-43.8	99.9	235.1	39.2	32.2	22.4	361.1	339.9	99.9	99.9	62.1	48.
42.8	121.3	14008.7	150.0	-45.5	99.9	233.6	28.6	22.0	14.9	374.4	339.9	99.9	99.9	68.7	49.
46.4	129.3	15153.5	125.0	-43.8	99.9	232.3	27.5	21.2	17.6	381.0	339.9	99.9	99.9	74.3	49.
51.3	136.3	16336.0	100.0	-48.3	59.9	232.3	18.8	14.9	11.5	415.1	339.9	99.9	99.9	107.7	50.
56.8	145.3	17132.8	75.0	-57.7	59.9	208.9	10.6	5.1	9.3	452.1	339.9	99.9	99.9	156.6	49.
65.0	155.3	20950.9	50.0	-55.4	59.9	192.8	7.8	1.7	7.6	512.5	339.9	99.9	99.9	214.6	48.
76.9	155.0	25003.7	25.0	-49.1	99.9	123.5	7.5	-6.2	4.1	643.4	339.9	99.9	99.9	289.9	45.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

9 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 469  
DENVER, COLORADO  
8 JUNE 1979  
200 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U CCMF M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX ATQ CM/KG	RM PCT	RANGE KM	AZ DG
0.0	23.2	1611.0	837.7	7.2	5.0	100.0	2.6	-2.6	0.5	294.5	312.6	6.6	84.0	0.0	0.0
0.0	00.0	99.0	1000.0	95.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	999.0
0.0	00.0	99.0	975.0	95.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	999.0
0.0	00.0	99.0	950.0	95.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	999.0
0.0	00.0	99.0	925.0	95.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	999.0
0.0	00.0	99.0	900.0	95.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	999.0
0.0	00.0	99.0	875.0	95.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	999.0
0.0	00.0	99.0	850.0	95.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	999.0
0.0	00.0	99.0	825.0	6.2	5.8	101.5	1.6	-1.6	0.3	295.2	314.1	7.1	57.5	0.1	287.0
1.2	27.1	1988.9	800.0	4.7	4.4	91.8	1.6	-1.6	0.1	296.2	314.0	6.6	57.6	0.2	283.0
2.1	23.0	2247.7	775.0	3.2	2.8	345.4	1.1	0.3	-1.0	297.3	313.9	6.1	57.4	0.3	279.0
3.0	32.4	2313.4	750.0	1.6	1.2	355.4	1.5	0.0	-1.5	298.4	313.8	5.6	56.7	0.3	265.0
4.0	35.2	2746.5	725.0	0.6	0.1	20.6	1.9	0.0	-1.7	300.1	315.0	5.3	57.0	0.3	249.0
5.3	34.0	3368.1	700.0	-0.8	-0.4	105.0	2.9	-2.8	0.7	302.5	317.5	5.3	56.9	0.4	242.0
6.2	41.3	3360.0	675.0	-0.7	-1.2	156.8	6.3	-2.3	5.8	304.8	319.7	5.2	56.8	0.6	262.0
7.5	43.9	3611.7	650.0	-1.7	-2.2	180.0	8.1	1.1	6.0	307.1	321.6	5.0	56.4	0.9	317.0
8.9	45.7	3373.7	625.0	-3.1	-3.7	182.2	11.2	0.4	11.2	308.5	322.8	4.7	55.8	1.5	342.0
10.2	49.9	4296.4	600.0	-4.7	-5.2	175.5	15.3	-0.4	15.3	310.7	323.4	4.3	56.2	2.5	348.0
11.0	52.8	4631.0	575.0	-6.0	-6.6	180.8	17.9	3.1	17.7	312.5	325.1	4.1	56.1	3.3	352.0
12.2	55.9	4978.9	550.0	-7.4	-7.9	208.7	17.6	8.8	15.5	315.2	326.9	3.8	56.0	4.4	359.0
13.4	60.0	5360.5	525.0	-8.2	-8.9	221.7	17.1	11.4	12.8	317.3	327.9	3.4	55.1	5.3	37.0
14.7	62.3	5717.8	500.0	-10.9	-11.2	223.5	22.2	19.2	16.1	320.2	330.4	3.3	55.3	6.7	15.0
15.9	65.7	6111.3	475.0	-13.2	-13.9	224.2	27.1	18.9	19.4	321.7	330.4	2.8	54.2	8.3	20.0
17.0	69.1	6521.2	450.0	-16.3	-17.4	226.2	29.6	21.3	20.4	322.8	328.5	2.2	51.2	10.0	25.0
18.3	72.7	6943.0	425.0	-19.9	-22.0	228.7	32.9	24.0	22.6	323.4	328.5	1.5	50.2	12.3	29.0
19.4	76.3	7395.4	400.0	-23.3	-23.0	229.4	33.6	24.6	23.2	324.2	329.6	0.9	50.8	15.0	30.0
21.1	80.1	7863.9	375.0	-27.1	-36.4	228.1	31.6	22.8	21.0	325.2	327.4	0.4	49.4	17.7	30.0
22.6	84.0	8357.6	350.0	-30.5	-40.4	225.2	27.9	23.3	23.1	327.2	328.0	0.3	37.0	20.5	30.0
24.1	88.2	8879.9	325.0	-35.1	-48.7	224.0	34.2	23.8	24.6	328.4	329.2	0.2	36.4	23.6	31.0
25.6	92.5	9433.4	300.0	-38.9	-50.9	224.0	34.3	24.1	24.3	330.2	330.9	99.9	99.9	27.0	30.0
27.0	97.0	10028.6	275.0	-40.0	-50.9	225.0	38.3	27.1	27.1	337.2	330.9	56.9	99.9	30.7	30.0
29.4	101.8	10678.6	250.0	-41.7	-50.9	216.3	41.0	24.3	33.0	344.1	330.9	99.9	99.9	35.2	30.0
31.6	106.8	11344.8	225.0	-44.7	-50.9	212.4	43.5	23.3	36.8	347.5	330.9	99.9	99.9	40.8	30.0
34.1	112.3	12155.6	200.0	-52.1	-50.9	217.0	44.1	28.6	39.2	350.3	330.9	59.9	99.9	47.5	30.0
36.9	118.7	13012.7	175.0	-57.1	-50.9	217.1	40.1	24.2	32.0	355.7	330.9	99.9	99.9	54.3	30.0
39.9	124.5	13986.9	150.0	-58.0	-50.9	227.4	30.4	22.3	20.6	365.2	330.9	59.9	99.9	61.3	30.0
43.5	131.5	15122.7	125.0	-60.6	-50.9	999.0	99.9	99.9	99.9	365.2	330.9	99.9	99.9	65.4	30.0
46.9	99.9	99.9	100.0	95.9	90.9	99.9	99.9	99.9	99.9	99.5	999.0	99.9	99.9	999.0	999.0
49.9	99.9	99.9	75.0	55.9	50.9	99.9	99.9	99.9	99.9	99.5	999.0	99.9	99.9	999.0	999.0
52.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.0	99.9	99.9	999.0	999.0
55.9	99.9	99.9	25.0	95.9	90.9	99.9	99.9	99.9	99.9	99.5	999.0	99.9	99.9	999.0	999.0

9.99 SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
9.99 TEMP MEANS TEMPERATURE CO TIME HAVE BEEN INTERPOLATED  
9.99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 409  
DENVER, COLORADO0 JUNE 1979  
000 GMT

105 127. 0

TIME MIN	CHTCY	WEIGHT GPM	PRES MB	TEMP DE C	DEW PT DE C	QIR DE C	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DE K	E POT 1 DE K	HA STD CM/KG	RM PCT	RANGE AZ KM	DC
0.0	22.1	1411.0	839.5	6.7	4.5	230.0	2.4	2.0	1.7	294.8	311.3	0.3	00.0	0.0	0.
00.0	00.0	00.0	1600.0	59.0	59.0	99.0	59.0	99.0	99.0	99.0	99.0	59.0	99.0	99.0	99.0
00.0	00.0	00.0	975.0	95.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00.0	00.0	00.0	550.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00.0	00.0	00.0	925.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00.0	00.0	00.0	900.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00.0	00.0	00.0	875.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00.0	00.0	00.0	850.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.4	23.0	1754.1	825.0	5.3	4.2	205.3	1.4	1.3	-0.5	294.3	311.1	4.3	12.3	0.2	357.
1.3	24.1	2095.0	800.0	2.4	2.4	202.6	1.0	1.0	0.1	295.6	310.4	5.7	92.0	0.2	5.
2.2	26.5	2262.0	775.0	2.4	1.5	100.6	4.3	-4.1	1.2	296.4	311.4	5.5	93.0	0.3	337.
3.3	31.1	2527.0	750.0	1.4	0.7	125.1	4.7	-3.9	2.4	298.2	313.2	5.4	94.0	0.6	311.
4.5	33.7	2801.1	725.0	0.7	-0.2	105.7	4.1	-4.0	1.1	300.2	314.8	5.2	93.0	0.9	307.
6.0	36.4	3063.1	700.0	-0.2	-1.1	100.0	2.7	-2.7	0.5	302.2	316.5	5.1	93.0	1.1	299.
7.5	39.1	3374.2	675.0	-1.1	-2.1	243.2	2.5	2.2	1.1	304.4	318.3	4.9	93.2	1.4	297.
8.9	41.9	3675.1	650.0	-2.4	-3.7	254.4	3.5	3.4	1.0	306.0	319.0	4.5	92.4	1.1	301.
10.2	44.7	3965.7	625.0	-4.5	-5.5	261.9	5.2	2.4	4.6	307.4	319.2	4.1	92.2	1.1	315.
11.5	47.6	4307.3	600.0	-5.3	-6.4	191.7	11.0	2.2	10.7	310.6	321.4	4.0	92.2	1.5	335.
12.6	50.5	4601.9	575.0	-5.3	-6.4	193.2	17.0	2.9	17.5	313.6	326.1	4.1	92.3	2.3	349.
13.8	53.5	4891.1	550.0	-6.3	-7.3	193.2	22.0	5.4	21.3	316.6	328.6	4.0	92.4	3.7	357.
14.9	56.5	5154.3	525.0	-6.1	-9.2	205.1	25.5	16.4	23.3	318.7	329.9	3.6	91.7	5.2	4.
16.4	59.0	5411.6	500.0	-11.2	-12.5	207.1	28.0	12.0	25.0	319.4	329.8	2.9	91.2	7.4	11.
18.4	62.9	6124.0	475.0	-13.4	-14.6	208.7	29.2	13.1	26.1	321.4	329.8	2.5	89.2	17.0	16.
20.5	66.3	6572.0	450.0	-17.0	-18.9	211.5	28.4	14.9	24.2	321.6	329.8	1.9	85.5	14.5	19.
22.0	69.6	6759.4	425.0	-20.3	-21.1	215.1	26.2	15.1	21.4	323.6	327.4	1.4	77.8	16.7	21.
23.7	73.1	7405.3	400.0	-24.2	-30.6	216.3	27.1	16.1	21.8	323.6	326.1	0.7	55.3	19.4	23.
25.0	76.8	7972.9	375.0	-27.5	-42.3	215.6	33.3	18.4	27.7	325.3	326.0	0.2	22.9	23.0	25.
27.6	80.6	8365.5	350.0	-31.6	-47.0	215.1	31.2	17.5	25.8	326.2	326.0	0.2	20.0	26.0	26.
29.5	84.5	8695.4	325.0	-35.8	-52.5	213.8	31.0	17.5	24.5	327.4	327.7	0.1	16.0	30.0	27.
31.4	88.6	9038.5	300.0	-38.3	-56.5	208.4	37.7	18.5	32.8	331.5	331.7	0.1	12.0	33.0	28.
33.9	93.0	10037.7	275.0	-39.5	-59.9	205.9	39.6	17.3	35.6	337.5	339.9	99.9	99.9	38.2	28.
35.3	97.0	10684.7	250.0	-43.5	-69.9	201.7	45.4	16.8	42.3	341.2	359.9	99.9	99.9	43.4	27.
37.6	102.4	11304.1	225.0	-45.7	-59.9	205.1	42.0	17.4	39.0	342.7	359.9	99.0	99.9	49.0	26.
40.4	107.8	12148.3	200.0	-42.5	-59.9	210.9	43.70	21.0	36.7	349.7	359.9	99.9	99.9	54.7	27.
43.3	113.5	13010.4	175.0	-42.3	-59.9	220.3	40.30	24.1	30.8	363.8	359.9	59.0	95.4	61.8	28.
46.7	119.7	13904.2	150.0	-38.4	-50.4	99.9	99.00	99.9	99.9	368.4	369.9	99.9	99.9	78.9	30.
49.9	99.9	99.9	125.0	-35.0	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
50.0	99.9	99.9	100.0	-39.0	-50.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
50.0	99.9	99.9	75.0	-39.9	-50.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
50.0	99.9	99.9	50.0	-39.9	-50.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
50.0	99.9	99.9	25.0	-39.9	-50.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG





STATION NO. 322  
 PEORIA, ILLINOIS

 7 JUNE 1979  
 1105 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DEG C	DEW PT DEG C	DIA DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT H DEG K	P POT V DEG K	MJ RTD G/KG	AM PCT	RANGE KM	AZ DEG
0.0	0.4	200.0	982.5	21.7	19.4	100.0	5.7	0.0	5.7	296.4	334.5	14.7	87.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.2	0.1	266.8	975.0	21.8	20.0	100.0	11.3	2.0	11.1	297.1	337.0	15.3	89.3	0.3	5.
1.0	11.5	492.8	950.0	20.5	18.2	100.0	13.8	4.0	13.2	298.0	337.1	14.9	92.5	0.7	9.
1.9	13.8	723.7	925.0	19.4	16.1	213.6	15.7	6.7	13.0	299.1	336.9	14.3	92.3	1.4	17.
2.7	14.2	959.6	900.0	18.2	15.9	227.6	16.5	12.2	11.1	300.3	336.9	12.8	86.3	2.2	26.
3.5	18.6	1201.9	875.0	17.7	13.2	230.9	17.5	13.5	11.0	302.2	332.1	11.0	75.1	3.0	33.
4.3	21.1	1449.5	850.0	15.5	13.1	237.0	14.5	10.6	9.9	302.4	332.9	11.3	86.0	3.8	37.
5.2	23.6	1703.2	825.0	14.7	10.6	214.0	12.5	7.3	10.1	304.1	331.4	9.9	77.4	4.5	38.
6.2	26.2	1963.6	800.0	12.8	11.8	209.6	11.6	5.0	10.2	304.6	334.7	10.9	93.6	5.1	37.
7.1	28.7	2230.3	775.0	11.1	9.7	205.8	12.4	5.4	11.1	305.6	332.7	8.8	91.8	5.9	36.
8.2	31.4	2503.9	750.0	5.2	7.8	202.1	11.4	4.3	10.5	306.2	331.5	8.9	91.3	6.5	34.
9.2	34.1	2764.7	725.0	7.3	6.0	201.2	10.5	4.1	9.7	307.2	330.3	8.1	91.2	7.3	33.
10.4	36.9	3073.0	700.0	5.0	2.6	205.0	10.0	4.2	9.1	308.5	326.9	6.6	84.5	7.9	32.
11.5	39.7	3169.5	675.0	3.6	-0.5	199.2	11.0	3.6	10.4	309.7	325.0	5.5	74.2	8.6	32.
12.7	42.4	3375.5	650.0	2.0	-1.8	182.0	11.5	2.4	11.2	311.2	326.3	5.2	74.3	9.4	30.
13.9	45.4	3591.4	625.0	0.1	-3.4	166.7	14.1	4.1	13.5	312.2	323.9	3.6	61.5	10.3	29.
15.2	44.4	4117.7	600.0	-1.7	-3.3	201.1	14.7	5.3	13.7	314.2	329.1	5.0	69.0	11.4	28.
16.5	51.4	4556.1	575.0	-3.4	-5.4	202.3	15.4	5.6	14.2	316.5	329.4	4.5	86.1	12.6	27.
17.5	54.5	5006.9	550.0	-5.1	-9.4	197.5	15.4	4.6	14.7	318.0	328.5	3.4	72.0	13.7	27.
19.0	57.6	5371.2	525.0	-7.3	-9.0	205.2	15.2	6.5	13.7	319.2	331.0	3.7	84.0	14.9	26.
20.3	60.9	5750.0	500.0	-9.1	-9.5	219.4	14.8	9.4	11.4	322.0	323.1	0.3	6.8	16.1	27.
21.8	64.3	6144.6	475.0	-12.1	-37.6	229.2	13.6	16.3	8.9	323.1	323.2	0.0	1.0	17.2	28.
23.3	67.7	6544.7	450.0	-15.8	-24.1	227.9	15.5	11.5	10.4	323.4	327.8	1.4	95.1	18.4	29.
24.8	71.3	6932.0	425.0	-15.0	-23.9	220.3	16.5	10.7	12.6	324.6	329.0	1.3	86.0	19.8	30.
26.4	74.9	7332.9	400.0	-20.0	-25.6	215.7	19.9	11.6	16.2	329.0	333.0	1.2	60.8	21.5	31.
28.0	78.7	7910.9	375.0	-21.0	-28.4	210.3	18.4	12.1	15.3	333.9	337.3	1.0	51.1	23.4	31.
29.5	82.5	8181.6	350.0	-23.9	-32.1	216.8	17.2	10.3	13.7	334.4	336.4	0.5	30.7	24.1	32.
31.2	86.7	8544.6	325.0	-28.9	-37.1	225.3	15.4	10.9	10.8	336.5	338.6	0.5	44.6	26.7	32.
33.0	90.8	9214.2	300.0	-33.7	-40.3	232.1	18.7	14.8	11.5	337.5	339.3	0.4	51.2	28.3	33.
35.0	95.4	10124.8	275.0	-39.2	-46.5	225.9	23.2	16.7	16.1	338.2	339.3	0.2	45.4	30.6	35.
37.1	100.2	10769.6	250.0	-45.2	-50.9	223.9	24.5	17.0	16.5	339.5	339.9	0.9	999.9	33.7	36.
39.0	105.2	11423.4	225.0	-51.8	-56.9	223.9	24.5	17.0	17.7	334.3	339.9	0.9	999.9	36.4	36.
41.1	110.5	12116.7	200.0	-56.8	-59.4	210.4	25.4	15.6	16.2	342.8	339.9	0.9	999.9	39.8	37.
43.7	116.3	13043.9	175.0	-54.4	-59.9	227.5	22.0	20.3	8.4	356.6	339.9	0.9	999.9	43.8	39.
46.4	122.5	14037.2	150.0	-57.9	-59.9	229.8	19.7	10.4	3.5	370.2	339.9	0.9	999.9	45.8	41.
50.0	129.3	15181.3	125.0	-59.7	-59.9	231.5	17.4	17.2	2.0	407.6	339.9	0.9	999.9	48.9	43.
54.0	137.0	16557.9	100.0	-62.1	-59.9	258.4	10.6	15.4	2.1	447.2	339.9	0.9	999.9	51.6	47.
59.1	145.3	18339.6	75.0	-62.4	-62.4	251.0	6.1	5.8	2.0	442.2	339.9	0.9	999.9	53.7	48.
65.9	154.3	20574.4	50.0	-57.5	-59.9	137.3	4.4	-3.1	3.4	508.1	339.9	0.9	999.9	63.7	48.
76.5	163.3	25391.1	25.0	-47.9	-59.9	97.7	7.3	-7.2	1.0	647.8	339.9	0.9	999.9	51.4	44.

 \* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 332  
 GEORGIA, ILLINOIS

 7 JUNE 1979  
 1408 GMT

TIME MIN	CITY	WEIGHT GPM	PRES MI	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	POT X DEG K	MP BTO CM/KG	RH PCT	RANGE KM	AZ DEG
6.9	8.0	200.0	983.4	21.1	20.6	180.0	6.2	0.0	6.2	295.7	336.8	15.8	97.0	0.0	0.
7.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
8.2	8.7	274.9	975.0	21.9	21.7	173.5	9.7	-1.1	9.6	297.1	341.6	17.1	98.9	0.2	308.
1.0	11.1	501.1	950.0	20.4	19.7	172.5	11.2	-6.5	11.2	297.5	338.2	15.4	95.8	0.6	349.
2.1	13.5	731.8	925.0	19.0	18.6	192.0	11.9	2.5	11.7	298.7	329.2	11.4	75.9	1.3	358.
3.1	15.9	967.0	900.0	17.7	17.2	195.9	12.0	4.1	11.3	299.8	320.6	7.8	51.7	2.1	4.
4.4	19.3	1207.4	875.0	16.3	15.7	203.6	12.4	4.9	11.3	300.7	321.1	7.5	95.9	1.0	10.
5.5	20.8	1493.7	850.0	15.8	15.2	210.1	11.6	5.8	10.0	301.8	322.0	7.3	98.0	3.7	14.
6.2	21.3	1705.9	825.0	13.4	12.8	215.4	11.1	6.3	9.1	302.8	321.7	6.8	57.6	4.2	18.
7.0	25.8	1984.6	800.0	12.0	11.4	215.1	9.8	5.3	8.2	304.0	324.1	7.2	65.1	4.6	18.
8.0	28.4	2210.4	775.0	10.6	10.1	210.6	10.0	5.1	8.6	305.2	325.5	7.2	65.5	5.2	12.
8.8	31.0	2507.3	750.0	9.7	9.6	211.5	5.1	4.7	7.7	307.1	327.2	7.1	70.3	5.7	21.
10.0	33.7	2784.5	725.0	7.8	7.6	205.6	7.8	3.8	6.6	308.0	328.9	6.6	72.3	6.3	21.
11.1	36.3	3073.8	700.0	6.4	6.2	211.4	6.1	3.2	5.2	309.6	328.8	6.6	75.3	6.7	22.
12.3	39.1	3371.9	675.0	4.9	4.9	218.5	5.4	3.4	4.3	311.1	329.3	6.3	77.5	7.0	22.
12.8	42.0	3679.6	650.0	3.4	3.4	217.9	7.6	4.7	6.0	312.5	331.2	6.3	83.3	7.3	23.
13.5	44.9	3988.2	625.0	2.5	2.5	219.0	8.3	5.2	6.4	315.3	333.6	6.2	84.3	7.6	24.
14.2	47.8	4327.9	600.0	0.6	-1.7	225.5	7.0	5.4	5.3	316.8	333.7	5.7	84.9	8.0	25.
15.1	50.9	4670.7	575.0	1.1	-1.1	225.9	8.2	5.8	5.8	321.3	339.9	6.2	85.2	8.3	26.
16.8	54.0	5027.4	550.0	-2.4	-2.4	225.2	7.6	5.4	5.4	321.3	333.8	4.0	69.0	8.7	26.
17.4	60.4	5780.0	500.0	-4.0	-4.0	222.4	8.3	6.6	6.1	323.4	335.0	3.6	67.3	9.0	27.
18.2	63.7	6179.2	475.0	-6.8	-6.8	222.4	99.9	99.9	99.9	324.8	336.4	3.1	65.2	99.9	99.9
18.8	67.1	6536.8	450.0	-11.0	-16.2	222.4	99.9	99.9	99.9	327.1	336.0	2.7	65.7	99.9	99.9
19.9	69.9	69.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	329.4	337.3	2.4	65.4	999.9	999.9
20.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
21.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
22.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
23.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
24.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
25.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
26.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
27.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
28.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
29.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
30.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
31.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
32.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
33.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
34.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
35.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

 9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 9 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 332  
PEORIA, ILLINOIS7 JUNE 1970  
1705 GMT

TIME MIN	CHTCY	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	OIR DEG	SPED M/SEC	J COMP M/SEC	V COMP M/SEC	POT T DEG C	E POT T DEG C	MS RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	8.9	200.0	683.8	23.3	21.8	145.0	5.1	-1.3	4.9	297.5	340.2	14.2	87.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	9.1	211.6	675.0	22.9	21.6	181.0	5.4	0.1	6.4	298.2	340.8	16.3	88.8	0.2	341.
0.7	11.5	438.8	650.0	21.7	20.6	183.1	7.0	6.4	7.0	299.2	342.2	16.4	92.8	0.3	347.
1.4	11.5	730.3	625.0	19.3	18.7	183.1	6.3	1.3	8.2	299.0	338.2	14.9	96.7	0.6	357.
1.9	16.3	946.6	600.0	16.2	17.7	191.7	6.9	2.4	8.6	300.2	338.2	14.3	96.5	0.8	2.
2.5	19.6	1208.2	575.0	16.5	15.9	201.6	10.0	3.7	9.3	300.5	336.1	13.2	96.5	1.2	7.
3.1	21.3	1455.8	550.0	15.4	15.0	207.5	11.1	5.1	9.4	302.2	336.7	12.8	97.2	1.5	11.
3.5	23.8	1709.6	525.0	14.5	14.1	212.8	11.3	7.0	10.1	303.5	337.4	12.4	97.5	1.8	14.
4.2	26.4	1969.7	500.0	12.4	12.0	218.8	12.0	6.9	9.9	304.4	337.7	11.1	97.4	2.3	20.
5.1	29.1	2235.4	475.0	9.2	7.2	223.1	10.6	7.5	7.5	303.7	328.8	8.3	87.5	2.9	23.
6.3	31.7	2508.3	450.0	9.5	7.4	231.6	11.5	9.0	7.1	306.6	331.2	8.7	87.1	3.5	28.
7.2	34.3	2789.9	425.0	8.0	6.4	238.2	12.4	10.3	6.9	308.1	331.6	8.4	87.3	4.2	31.
8.3	37.1	3079.0	400.0	6.7	5.6	231.9	13.4	10.9	7.9	309.6	330.3	7.1	80.4	5.6	37.
9.3	39.9	3377.7	375.0	4.4	4.4	232.9	14.5	11.6	8.7	310.2	328.6	6.2	80.2	5.7	39.
10.3	42.8	3664.6	350.0	2.2	3.4	234.3	14.2	11.5	8.3	311.2	329.1	6.1	27.8	6.6	41.
11.5	45.7	4001.3	325.0	0.7	-0.2	238.0	13.3	11.3	7.1	313.2	331.0	6.1	93.2	7.5	43.
12.6	48.6	4329.1	300.0	-0.7	-1.6	240.6	13.6	11.9	6.7	315.2	332.2	5.7	93.4	8.4	44.
13.7	51.6	4668.9	275.0	-2.5	-3.4	240.8	13.0	12.1	6.8	317.1	332.6	5.2	93.3	9.3	46.
15.0	54.6	5021.1	250.0	-4.9	-9.4	235.0	13.7	11.3	7.9	318.2	329.6	3.7	75.4	10.3	47.
16.2	57.9	5384.8	225.0	-7.3	-20.2	231.0	13.4	10.4	8.4	319.4	328.4	1.5	38.7	11.4	48.
17.5	61.1	5763.1	200.0	-9.8	-21.1	232.2	13.1	10.3	7.9	321.1	325.8	1.4	38.9	12.3	48.
18.6	64.6	6137.4	175.0	-12.6	-39.0	232.8	13.0	10.3	7.8	322.4	323.4	0.3	8.8	13.2	48.
19.8	68.0	6508.8	150.0	-14.2	-47.3	222.6	11.8	8.3	8.4	325.4	326.8	0.1	4.1	14.1	49.
21.3	71.6	7000.5	125.0	-16.8	-49.5	222.7	10.8	7.3	7.9	327.4	326.0	0.1	4.1	15.1	49.
22.9	75.3	7452.9	100.0	-20.0	-32.9	230.7	10.1	7.8	6.4	329.4	331.1	0.6	30.6	16.1	49.
24.6	79.1	7927.8	75.0	-24.8	-38.0	238.9	12.0	9.3	7.5	329.5	331.3	0.4	28.2	17.0	48.
25.9	83.0	8428.0	50.0	-27.3	-67.4	223.5	13.7	9.6	9.9	331.5	332.0	0.0	1.8	18.2	48.
27.6	87.2	8958.5	25.0	-30.6	-69.6	223.5	12.3	8.4	8.9	334.2	334.6	0.0	1.0	19.5	48.
29.4	91.5	9521.8	0.0	-35.2	-72.6	228.2	11.9	6.8	7.9	335.2	335.9	0.0	1.0	20.8	48.
31.6	96.0	10123.0	275.0	-36.7	-74.9	238.0	11.5	9.8	8.9	339.2	339.2	0.0	1.0	22.4	48.
33.9	103.7	10774.1	250.0	-41.9	-59.9	248.8	12.3	11.4	4.4	343.8	343.8	99.9	99.9	23.9	49.
36.2	109.8	11482.5	225.0	-45.3	-59.9	262.7	14.2	14.2	1.8	349.1	349.1	99.9	99.9	25.3	51.
38.6	117.2	12200.9	200.0	-50.2	-59.9	262.5	17.4	17.4	1.4	353.3	349.9	99.9	99.9	27.3	53.
41.3	117.0	13128.0	175.0	-53.8	-59.9	262.4	18.6	18.6	2.5	361.2	349.9	99.9	99.9	30.0	54.
44.2	123.3	14111.6	150.0	-56.6	-59.9	251.5	18.6	15.8	5.3	372.2	349.9	99.9	99.9	32.9	58.
47.9	130.3	15260.9	125.0	-59.9	-59.9	251.5	14.9	14.1	4.7	368.6	349.9	99.9	99.9	34.1	60.
51.9	137.7	16455.3	100.0	-62.2	-59.9	250.3	13.5	12.8	4.6	407.7	349.9	99.9	99.9	39.7	60.
56.6	146.0	18421.3	75.0	-61.9	-59.9	213.9	8.1	2.9	4.3	443.1	349.9	99.9	99.9	42.8	61.
63.2	155.0	23974.3	50.0	-59.6	-59.9	128.3	6.2	-4.8	3.8	414.8	349.9	99.9	99.9	42.8	59.
73.4	164.0	25526.3	25.0	-65.6	-59.9	99.9	99.9	99.9	99.9	453.7	349.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 532  
PEORIA, ILLINOIS7 JUNE 1979  
2005 GMT

TIME MIN	CNTCT	WEIGHT GPM	WINDS MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DB K	E POT T CG K	WIND CH/EC	2M PCT	RANGE KM	AZ DEG
0-0	0-7	200-0	982-0	22-2	20-5	230-0	4-1	3-1	2-5	301-0	343-0	15-7	47-0	0-0	0-
00-9	00-9	99-0	1000-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
0-2	8-9	263-4	975-0	26-5	18-9	233-0	8-1	6-6	4-8	301-2	350-0	14-3	63-4	0-2	47-
1-1	11-2	492-1	950-0	23-0	17-9	235-7	6-2	4-7	4-7	301-2	350-0	13-7	49-0	0-6	54-
2-1	13-6	725-1	525-0	21-0	17-9	235-9	9-0	7-3	5-3	301-6	350-0	13-9	77-4	1-1	54-
3-1	14-0	962-0	500-0	19-0	16-3	236-5	10-1	8-2	5-9	301-5	357-1	13-1	80-3	1-4	54-
4-0	14-5	1205-3	875-0	18-0	13-6	236-1	10-8	8-9	6-8	302-2	353-1	11-3	75-3	2-2	54-
4-8	23-9	1453-9	850-0	17-3	10-1	235-2	10-8	9-2	5-5	304-2	359-7	9-2	62-0	2-8	55-
5-8	23-6	1768-6	825-0	15-4	8-4	242-1	10-7	9-4	5-0	304-5	359-4	8-5	63-1	3-4	56-
6-8	26-0	1966-8	800-0	13-9	6-3	241-8	11-6	10-2	5-5	305-5	350-0	8-7	65-2	4-0	57-
7-8	28-6	2236-2	775-0	12-2	6-2	245-7	11-4	10-4	4-7	307-6	358-4	7-7	66-4	4-7	58-
8-0	31-1	2510-8	750-0	10-6	5-3	250-7	9-7	9-9	1-9	309-1	359-2	7-5	69-0	5-3	59-
9-0	33-8	2753-0	725-0	8-7	3-8	255-3	9-1	9-1	0-7	309-1	359-0	7-0	71-1	5-9	62-
11-0	34-5	3083-6	700-0	8-1	1-7	263-7	9-6	9-6	0-7	311-2	355-4	6-2	63-9	6-4	64-
12-2	39-2	3383-2	675-0	6-2	0-7	273-0	9-6	9-6	-0-5	312-6	350-1	6-0	67-7	7-1	67-
13-4	42-0	3691-8	650-0	4-4	-0-9	277-9	10-6	10-9	-1-5	314-6	350-3	5-5	68-3	7-7	69-
14-8	46-9	4010-6	625-0	3-0	-3-7	278-4	13-9	13-6	-2-0	315-5	359-9	4-7	61-4	8-6	72-
16-1	47-8	4340-3	600-0	5-7	-7-3	276-0	15-0	14-9	-1-8	316-5	358-2	3-7	54-8	9-6	75-
17-4	50-8	4680-7	575-0	-1-7	-8-7	277-6	13-6	13-5	-1-8	318-6	358-6	1-4	58-7	10-7	78-
18-7	53-5	5033-6	550-0	-3-7	-14-3	278-8	12-9	12-8	-1-9	319-8	351-2	2-7	70-1	11-7	79-
20-1	56-9	5399-9	525-0	-5-8	-14-5	275-4	12-0	12-0	-1-1	321-8	359-1	2-4	50-1	12-7	81-
21-6	63-1	5781-1	500-0	-7-9	-16-0	273-0	13-6	13-6	-0-8	323-4	350-1	2-1	48-9	13-7	82-
23-2	63-4	6178-0	475-0	-11-6	-20-5	268-7	12-9	12-9	0-3	324-5	350-1	1-6	43-6	14-9	83-
24-7	66-8	6592-1	450-0	-13-3	-21-8	273-9	12-8	12-8	-0-9	326-8	351-5	1-5	48-3	16-1	83-
26-4	70-3	7224-4	425-0	-15-4	-23-1	260-4	11-0	11-7	-2-2	327-2	353-4	1-6	73-6	17-3	84-
27-9	73-9	7877-7	400-0	-16-4	-23-1	259-7	13-0	13-1	-4-4	329-1	356-1	1-2	60-4	18-4	85-
29-7	77-6	8554-9	375-0	-22-5	-27-0	260-6	16-3	15-6	-4-7	331-9	355-7	1-1	66-3	19-8	87-
31-8	81-4	8959-1	350-0	-25-1	-45-8	270-0	21-0	20-7	-3-3	334-8	356-6	6-2	12-4	22-0	89-
33-7	85-3	9392-7	325-0	-29-4	-51-5	275-3	22-5	22-4	-2-1	336-2	356-6	0-1	9-6	24-6	89-
35-0	89-4	9599-0	300-0	-32-8	-54-9	284-7	22-7	21-9	-8-7	337-7	357-9	0-1	7-4	27-3	91-
37-9	94-0	10163-1	275-0	-37-8	-59-4	286-4	23-2	23-3	-8-0	340-4	350-0	0-0	8-3	30-2	92-
40-3	98-6	10811-9	250-0	-43-1	-69-9	285-6	22-0	21-2	-5-9	342-8	359-9	99-9	99-9	33-3	93-
43-0	103-6	11320-0	225-0	-45-5	-90-9	278-3	23-9	23-7	-2-9	348-5	360-4	55-9	99-9	37-1	94-
45-5	108-8	11980-9	200-0	-50-6	-90-9	272-0	23-7	23-6	-1-2	353-7	360-4	59-9	99-9	40-8	94-
48-7	114-8	1263-1	175-0	-54-6	-90-9	278-1	19-9	19-7	-2-0	359-4	360-4	59-9	99-9	45-1	94-
51-7	121-0	14133-9	150-0	-60-9	-90-9	267-2	16-3	16-4	0-8	365-1	360-4	59-9	99-9	48-1	94-
53-8	125-3	15784-5	125-0	-60-3	-90-9	257-4	15-6	15-2	3-4	365-5	360-4	59-9	99-9	51-8	94-
60-1	138-3	16338-6	100-0	-63-9	-90-9	258-5	13-5	13-6	2-8	404-4	360-4	59-9	99-9	56-0	92-
65-7	145-7	18007-2	75-0	-62-7	-90-9	255-4	5-7	3-3	4-6	441-4	360-4	59-9	99-9	57-9	91-
73-7	150-3	20944-1	50-0	-56-2	-90-9	154-2	6-1	-2-7	5-5	511-1	360-4	59-9	99-9	87-6	90-
85-4	167-0	25482-2	25-0	-46-3	-90-9	63-2	6-1	-3-4	-2-7	651-4	360-4	99-9	99-9	93-4	88-

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 332  
 PEORIA, ILLINOIS

 7 JUNE 1979  
 2305 GMT

TIME MIN	CNCT	WEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	WIND M/SEC	U CORP M/SEC	V CORP M/SEC	POT 1 DEG F	E POT 1 DEG K	WIND CM/SEC	RM PCT	RANGE KM	AZ DEG
0.0	99.9	200.0	999.9	27.2	20.0	210.0	2.6	1.3	2.7	301.9	302.5	15.2	45.9	0.0	0.0
0.9	99.9	1000.0	999.9	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.2	9.0	245.2	975.0	26.2	19.5	231.9	7.2	5.7	4.5	301.2	301.9	14.9	46.9	0.2	52.0
1.0	12.3	494.3	950.0	24.5	16.2	230.8	6.2	4.7	4.7	302.2	302.5	14.4	72.5	0.4	57.0
1.8	14.6	728.0	925.0	22.4	18.2	230.8	6.6	7.1	4.8	302.2	302.5	14.4	77.1	0.9	56.0
2.7	17.9	466.3	900.0	20.7	17.7	230.4	7.7	6.4	4.3	302.2	302.5	14.4	83.1	1.3	56.0
3.5	19.4	1209.0	875.0	18.6	16.1	242.7	6.9	6.1	3.2	303.1	303.9	13.3	85.4	1.6	57.0
4.4	21.9	1058.0	850.0	17.5	13.0	261.2	6.5	6.4	1.0	304.2	305.0	11.2	74.8	2.0	58.0
5.2	24.4	1714.1	825.0	16.2	10.9	279.3	6.4	4.3	-1.0	305.2	305.5	10.0	70.8	2.2	63.0
6.0	26.9	1778.0	800.0	15.2	8.6	277.5	6.2	6.2	-1.8	307.4	307.5	9.8	64.5	2.5	68.0
6.9	29.5	2244.5	775.0	14.0	6.5	280.8	7.8	7.7	-1.5	308.5	308.5	7.9	60.5	2.8	72.0
7.8	32.1	2521.0	750.0	12.4	4.4	280.1	10.2	10.0	-1.8	310.2	309.2	7.0	58.2	3.3	76.0
8.6	34.8	2804.9	725.0	10.6	2.1	277.3	11.1	11.0	-1.4	311.2	309.0	6.2	55.4	3.9	80.0
10.0	37.4	3066.7	700.0	8.7	0.3	275.2	12.3	12.2	-1.1	312.1	308.5	5.4	53.3	4.6	82.0
11.0	40.2	3350.7	675.0	6.6	-0.7	275.2	13.5	12.4	-1.2	313.1	309.0	5.4	51.4	5.4	84.0
12.0	43.0	3705.6	650.0	4.8	-2.6	278.9	12.8	12.7	-2.0	314.4	308.9	4.9	50.6	6.2	86.0
13.1	45.9	4024.6	625.0	2.7	-4.5	282.3	12.1	11.6	-2.4	315.2	308.0	4.4	50.0	6.9	88.0
14.2	48.9	4354.1	600.0	0.9	-6.8	285.6	12.0	11.3	-2.0	315.2	308.0	3.8	50.2	7.7	91.0
15.3	51.9	4684.9	575.0	-1.4	-9.2	290.3	11.3	10.4	-1.9	316.2	308.0	3.3	55.4	8.5	92.0
16.5	54.9	5040.1	550.0	-3.0	-13.1	294.3	11.0	10.7	-2.7	316.2	308.0	2.9	55.4	9.1	93.0
17.8	57.8	5415.5	525.0	-4.3	-13.2	280.2	11.5	11.3	-2.0	323.2	308.0	2.6	55.4	10.1	94.0
19.0	61.3	5780.6	500.0	-6.3	-31.0	278.2	13.1	12.9	-2.2	325.2	308.0	2.6	55.4	10.9	94.0
20.4	64.8	6190.1	475.0	-8.7	-33.2	278.2	13.7	13.4	-2.6	327.2	308.0	2.6	55.4	12.1	95.0
21.8	68.0	6615.9	450.0	-12.0	-33.9	278.2	15.7	15.5	-2.2	328.2	308.0	2.6	55.4	13.4	95.0
23.2	71.6	7048.9	425.0	-14.8	-38.4	275.7	15.5	15.4	-1.5	329.2	308.0	2.6	55.4	14.8	96.0
24.6	75.1	7505.3	400.0	-17.4	-41.6	273.1	16.1	16.1	-0.9	329.2	308.0	2.6	55.4	16.1	95.0
26.1	78.9	7986.7	375.0	-20.0	-46.1	271.7	16.7	16.7	-0.8	335.1	308.0	2.6	55.4	17.6	95.0
27.8	82.8	8493.6	350.0	-24.3	-48.9	267.4	16.6	16.6	0.7	335.1	308.0	2.6	55.4	19.3	95.0
29.7	86.8	9028.6	325.0	-25.1	-51.9	261.3	17.7	17.0	2.7	336.6	308.0	2.6	55.4	21.2	94.0
31.6	91.0	9594.5	300.0	-24.1	-54.5	257.5	17.8	17.4	3.9	337.4	308.0	2.6	55.4	23.2	92.0
33.9	95.5	10197.7	275.0	-20.1	-57.1	267.3	19.3	19.3	6.9	338.6	308.0	2.6	55.4	25.6	91.0
36.3	100.2	10844.6	250.0	-23.8	-62.0	260.9	22.0	22.0	-4.4	341.8	308.0	2.6	55.4	28.6	92.0
38.8	105.2	11547.1	225.0	-25.9	-65.9	261.8	24.7	24.7	-5.5	348.2	308.0	2.6	55.4	32.3	93.0
41.4	110.5	12324.1	200.0	-28.5	-69.9	273.1	23.1	23.1	-1.2	352.5	308.0	2.6	55.4	36.3	93.0
44.3	116.1	13183.8	175.0	-36.5	-69.9	283.2	18.3	18.2	1.9	356.6	308.0	2.6	55.4	39.7	93.0
47.7	122.5	14148.1	150.0	-40.0	-69.9	258.3	15.7	14.8	5.3	365.2	308.0	2.6	55.4	42.4	92.0
51.4	129.3	15273.2	125.0	-42.4	-68.0	251.9	22.3	19.3	6.3	382.8	308.0	2.6	55.4	46.3	90.0
55.0	136.7	16511.5	100.0	-41.8	-69.9	258.0	18.0	11.7	3.3	408.2	308.0	2.6	55.4	50.8	89.0
61.2	145.0	18428.7	75.0	-41.4	-69.9	221.3	4.2	2.0	3.2	444.1	308.0	2.6	55.4	52.8	89.0
68.9	154.8	20711.0	50.0	-36.5	-69.9	123.8	4.6	-3.0	2.5	510.4	308.0	2.6	55.4	52.8	87.0
81.0	163.3	25089.0	25.0	-47.1	-69.9	72.9	7.7	-7.3	-2.3	649.7	308.0	2.6	55.4	48.1	87.0

 0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532  
PEORIA, ILLINOIS  
6 JUNE 1979  
205 GMT

TIME MIN	CHFCY	WEIGHT GPM	PROS MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U CCOMP M/SEC	V CCOMP M/SEC	POT 1 DEG K	E POT 1 DEG K	MJ R10 G/SEC	RM PCT	RANGE KM	AZ DEG
0.0	7.9	200.0	904.6	23.3	20.1	190.0	3.1	0.5	3.1	297.0	337.0	15.2	82.0	0.0	0.
0.9	99.9	99.9	1000.0	95.9	59.9	99.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	8.7	200.0	975.0	25.0	20.9	99.9	99.9	99.9	99.9	301.0	348.1	16.2	74.5	99.9	99.9
1.2	11.1	315.0	950.0	28.7	19.9	99.9	99.9	99.9	99.9	302.5	344.0	15.6	74.7	99.9	99.9
2.1	13.3	749.0	925.0	22.8	18.3	99.9	99.9	99.9	99.9	302.5	341.4	14.5	75.6	99.9	99.9
3.2	15.6	985.3	900.0	22.3	19.2	99.9	99.9	99.9	99.9	302.5	347.0	15.0	82.8	99.9	99.9
4.2	18.0	1236.1	875.0	15.2	17.4	99.9	99.9	99.9	99.9	303.2	342.7	14.5	85.7	99.9	99.9
5.4	20.5	1496.0	850.0	17.0	16.1	99.9	99.9	99.9	99.9	304.6	342.0	13.7	90.1	2.7	61.
6.4	22.0	1739.4	825.0	16.0	13.8	277.2	8.1	8.1	-1.0	305.2	338.6	12.1	86.7	3.2	49.
7.6	25.6	2001.5	800.0	14.8	11.2	277.6	7.8	7.7	-1.1	307.6	336.2	10.6	79.0	3.7	73.
8.6	27.9	2270.0	775.0	12.2	9.0	296.7	6.1	7.0	-2.3	308.6	334.2	9.3	75.4	4.1	76.
9.7	30.5	2545.5	750.0	11.1	7.1	267.2	7.6	7.3	-2.3	308.6	332.1	8.5	76.5	4.6	60.
10.8	33.0	2928.0	725.0	9.2	5.7	269.3	6.6	6.2	-2.2	309.4	332.1	7.9	78.3	5.0	82.
11.9	35.7	3118.7	700.0	7.4	2.7	243.2	5.4	5.2	-1.2	310.4	330.6	6.7	71.9	5.3	84.
13.2	38.4	3418.2	675.0	6.3	1.3	271.6	7.3	7.3	-0.2	312.7	330.9	6.3	70.5	5.6	85.
14.5	41.1	3727.0	650.0	4.6	-1.5	267.7	9.3	9.2	0.4	314.2	329.0	5.3	68.1	6.4	45.
15.8	44.0	4046.7	625.0	4.3	-10.3	273.7	10.7	10.7	-0.7	317.4	326.1	2.8	33.4	7.2	66.
17.0	46.5	4378.2	600.0	2.9	-13.2	277.3	11.6	11.5	-1.5	319.2	326.8	2.3	29.5	8.0	87.
18.4	49.9	4721.1	575.0	0.0	-12.6	278.6	12.0	11.8	-1.0	320.6	328.0	2.5	38.0	8.9	88.
19.8	52.8	5075.8	550.0	-2.8	-10.3	279.9	13.1	13.0	-2.3	320.6	330.7	3.2	56.0	10.0	69.
21.2	55.8	5443.4	525.0	-5.2	-11.9	281.6	12.7	12.4	-2.6	322.1	331.5	2.9	59.2	11.1	90.
22.6	58.9	5824.9	500.0	-7.9	-14.0	286.0	13.5	13.0	-3.7	323.4	331.6	2.6	61.5	12.3	92.
24.5	62.1	6221.9	475.0	-10.7	-23.6	293.5	14.0	14.5	-3.5	324.8	329.3	1.4	38.3	13.7	93.
26.3	65.6	6637.1	450.0	-12.0	-21.1	271.3	14.2	14.5	-0.3	326.2	328.8	0.1	2.3	15.3	94.
28.0	69.0	7072.0	425.0	-15.0	-49.6	259.1	15.2	14.9	2.9	329.7	330.0	0.1	3.3	16.7	93.
29.8	72.4	7527.9	400.0	-18.0	-61.4	256.5	12.7	17.2	4.1	331.6	331.7	0.0	1.4	18.5	91.
31.7	76.2	8006.6	375.0	-21.9	-63.9	224.2	18.9	18.9	1.9	332.7	332.8	0.0	1.0	20.5	90.
33.8	80.0	8510.6	350.0	-25.6	-66.3	266.8	20.3	20.3	1.1	334.2	334.4	0.0	1.0	23.0	90.
36.2	84.6	9044.4	325.0	-25.3	-69.7	260.0	19.6	19.3	3.4	336.4	336.4	0.0	1.8	25.8	89.
38.5	88.2	9611.3	300.0	-32.0	-71.7	260.3	18.9	18.6	3.2	337.7	337.7	0.0	1.0	28.4	88.
41.0	92.4	10215.4	275.0	-38.5	-74.8	263.8	17.2	17.1	1.8	339.4	339.5	0.0	1.0	31.2	87.
43.7	97.2	10845.8	250.0	-41.8	-59.9	280.4	14.3	14.0	-2.6	343.5	339.8	95.9	95.9	33.5	86.
46.6	102.2	11573.5	225.0	-47.1	-59.9	266.7	21.7	21.6	1.3	349.2	349.9	99.9	99.9	36.5	86.
49.4	107.6	12318.2	200.0	-51.6	-59.9	241.1	21.7	21.4	3.4	351.6	349.9	95.9	99.9	40.4	86.
52.4	113.4	13200.9	175.0	-58.2	-59.9	256.7	17.7	17.2	4.1	353.5	349.9	95.9	99.9	44.0	87.
54.4	120.0	14100.5	150.0	-63.3	-59.9	249.6	16.6	16.3	6.8	362.4	349.9	99.9	99.9	48.0	84.
60.3	127.0	15200.2	125.0	-63.4	-59.9	255.4	18.0	16.5	3.4	379.4	349.9	99.9	99.9	52.6	85.
65.3	135.3	16644.7	100.0	-64.8	-59.9	263.9	11.7	11.6	1.2	404.1	349.9	99.9	99.9	57.8	85.
70.9	145.0	19404.2	75.0	-65.2	-59.9	217.8	3.6	2.3	3.6	436.1	349.9	99.9	99.9	59.2	84.
80.2	156.0	20923.9	50.0	-57.8	-59.9	116.9	5.7	-5.1	2.6	507.2	349.9	99.9	99.9	59.9	82.
95.3	167.0	25403.5	25.0	-48.8	-99.9	105.3	12.9	-12.4	3.4	644.4	349.9	99.9	99.9	59.2	82.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 332  
 PEORIA, ILLINOIS

 8 JUNE 1979  
 505 GMT

162 8. 0

TIME MIN	CATCY	HEIGHT GCM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX WTD G/KG	RM PCT	RANGE KM	AZ DG
0.0	7.0	200.0	986.8	21.7	18.9	210.0	3.1	1.5	2.7	296.8	332.7	14.1	84.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	8.0	303.9	975.0	25.1	20.5	247.0	11.4	10.5	4.3	300.1	342.3	15.8	75.6	0.2	45.
1.3	11.2	535.1	950.0	25.3	19.2	257.3	11.2	10.0	2.5	302.1	342.8	14.9	69.0	0.6	58.
2.2	13.5	745.8	925.0	23.6	17.9	278.4	9.0	8.9	-1.3	303.1	341.5	14.1	70.3	1.2	77.
3.1	15.9	1009.1	900.0	21.8	17.3	272.0	6.2	7.0	2.6	303.4	341.6	14.0	75.7	1.7	76.
6.0	18.4	1253.9	875.0	19.7	17.4	251.0	7.2	7.1	1.1	304.2	343.3	14.5	86.8	2.1	75.
5.0	20.9	1503.7	850.0	17.7	15.5	277.5	6.6	6.6	-0.9	304.7	340.4	13.2	87.1	2.5	78.
6.0	23.4	1759.4	825.0	16.0	13.9	280.0	5.2	5.2	-0.9	305.8	338.9	12.2	87.2	2.8	81.
7.0	25.0	2029.9	800.0	13.5	11.4	215.2	6.9	4.0	9.7	305.8	335.4	10.9	88.3	3.2	83.
8.1	28.6	2289.5	775.0	11.7	9.9	229.6	4.6	3.5	2.9	306.4	333.9	9.9	88.6	3.3	75.
9.0	31.1	2563.0	750.0	10.3	8.1	225.8	4.2	3.0	2.9	307.7	333.2	9.1	86.2	3.5	73.
10.1	33.8	2845.3	725.0	9.1	4.5	230.6	4.1	3.2	2.6	309.1	330.5	7.4	73.0	3.7	71.
11.2	36.6	3135.8	700.0	7.3	3.3	258.4	4.3	4.2	0.9	310.5	320.5	7.0	75.7	4.0	71.
12.3	39.2	3430.8	675.0	5.8	-0.9	293.0	4.7	4.3	-1.8	312.4	327.0	5.3	61.7	4.3	72.
13.5	42.1	3743.0	650.0	3.8	-0.4	290.9	5.9	5.5	-2.1	313.2	330.1	5.7	73.7	4.5	76.
14.8	45.0	4060.9	625.0	2.6	-3.8	273.0	8.7	8.6	-0.4	315.4	329.3	4.6	62.6	5.0	78.
16.2	47.9	4391.2	600.0	1.5	-7.3	274.2	12.6	12.6	-0.9	317.9	329.2	3.7	51.6	5.9	80.
17.4	50.9	4733.3	575.0	-0.5	-9.4	275.5	13.4	13.3	-1.4	319.4	329.5	3.3	50.8	6.9	83.
18.7	56.0	5087.3	550.0	-3.3	-12.2	276.0	18.0	14.8	-2.4	320.2	328.7	2.7	50.1	7.9	84.
20.0	57.1	5455.5	525.0	-5.3	-15.7	283.7	15.4	15.0	-3.7	324.0	329.0	2.2	44.6	9.1	87.
21.5	60.3	5836.8	500.0	-6.9	-17.7	281.6	16.4	16.1	-3.3	324.7	325.8	0.3	7.0	10.4	89.
23.2	63.6	6236.9	475.0	-9.4	-20.1	281.6	16.3	16.6	-3.1	326.3	326.6	0.1	2.1	12.1	91.
24.8	67.0	6649.9	450.0	-12.4	-27.8	279.0	16.9	16.7	-2.6	327.6	327.7	0.0	1.0	13.6	92.
26.4	70.4	7063.6	425.0	-15.5	-29.7	276.9	17.0	17.0	-0.3	329.1	329.2	0.0	1.0	15.3	92.
28.3	74.0	7538.9	400.0	-18.1	-31.4	274.1	17.2	17.2	-1.2	331.1	331.4	0.0	1.0	17.2	92.
30.1	77.7	8019.8	375.0	-21.8	-33.8	274.6	18.3	18.2	-1.5	332.7	332.8	0.0	1.0	19.0	92.
31.9	81.6	8522.3	350.0	-25.2	-36.0	270.3	17.5	17.5	-0.1	334.8	334.8	0.0	1.0	21.1	92.
33.9	85.6	9050.3	325.0	-28.6	-38.5	263.2	15.9	15.0	1.9	336.8	333.5	0.0	1.0	23.0	92.
36.3	89.8	9624.1	300.0	-32.7	-36.1	265.1	16.4	16.3	1.4	339.2	339.5	0.1	8.3	25.2	91.
38.7	94.2	10235.5	275.0	-36.3	-73.4	269.7	21.3	21.3	0.1	348.4	342.4	0.0	1.0	27.9	91.
40.9	98.8	10889.1	250.0	-40.6	-97.9	275.8	20.9	20.8	-2.9	345.6	349.9	90.9	99.9	31.1	91.
43.1	103.6	11598.4	225.0	-46.0	-99.9	284.6	37.6	36.6	-9.5	348.0	349.9	98.9	99.9	35.6	92.
45.0	109.0	12368.8	200.0	-52.1	-99.9	287.0	40.8	39.0	-11.9	350.3	349.9	95.9	99.9	42.4	94.
48.1	114.5	13222.8	175.0	-58.3	-99.9	289.3	35.5	33.3	-12.3	353.6	349.9	99.9	99.9	49.7	97.
52.7	120.8	14177.3	150.0	-64.2	-99.9	263.8	24.9	24.0	-6.8	356.6	349.9	98.9	99.9	55.8	98.
56.4	127.3	15290.4	125.0	-66.0	-99.9	266.6	18.3	18.2	-1.1	375.6	349.9	90.9	99.9	59.9	98.
60.9	134.5	16646.4	100.0	-64.4	-99.9	235.7	11.2	5.3	6.3	403.2	349.9	98.9	99.9	64.8	97.
66.9	142.7	18403.2	75.0	-62.7	-97.9	213.6	4.2	2.3	3.5	441.4	349.9	95.9	99.9	65.1	96.
75.3	152.0	20926.8	50.0	-57.2	-99.9	162.3	5.0	-1.5	4.8	508.8	349.9	99.9	99.9	64.8	95.
88.1	161.5	25358.6	25.0	-51.5	-99.9	90.1	9.7	-9.7	0.0	636.6	349.9	99.9	99.9	58.9	95.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232  
PEORIA, ILLINOIS8 JUNE 1979  
805 EDT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIN DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT W DEG K	E POT Y DEG K	MI RTO CM/SEC	RM PCT	RANGE KM	AZ DEG
0.0	0.0	200.0	987.3	20.0	18.0	190.0	3.1	0.0	3.1	294.2	330.8	19.0	53.0	0.0	0
0.9	99.9	99.9	1000.0	95.0	90.9	90.9	70.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	9.2	309.5	975.0	23.7	20.4	230.8	7.0	4.0	4.9	299.0	340.2	15.7	81.6	0.2	35
1.2	11.5	587.7	950.0	22.8	19.5	251.5	6.4	8.0	8.7	301.3	341.9	15.2	77.0	0.6	55
2.0	13.8	771.2	925.0	22.0	17.7	254.5	6.2	5.9	1.7	302.4	339.9	14.0	74.0	0.9	63
3.0	16.2	1009.7	900.0	20.8	17.6	258.2	4.9	4.4	0.9	302.5	341.1	14.2	81.9	1.2	66
3.8	18.6	1233.4	875.0	18.7	16.7	250.0	3.0	3.6	1.3	303.1	340.4	13.0	80.1	1.4	68
4.4	21.0	1502.5	850.0	17.0	14.9	231.2	3.3	2.6	2.0	284.0	338.4	12.7	87.3	1.6	67
5.7	23.8	1797.7	825.0	15.5	13.4	213.6	3.6	2.1	3.2	305.0	337.2	11.0	80.2	1.8	65
6.6	26.0	2016.7	800.0	14.0	11.4	203.7	4.9	2.0	4.5	306.1	336.2	11.0	86.5	2.0	61
7.7	28.6	2286.5	775.0	11.9	9.0	207.4	5.5	2.5	4.9	306.4	334.0	9.9	86.8	2.2	55
8.8	31.1	2561.2	750.0	11.0	5.7	216.0	6.7	4.0	5.4	306.4	330.4	7.7	69.5	2.7	52
10.0	33.7	2833.9	725.0	9.3	3.2	219.1	6.2	3.9	4.0	309.7	326.4	6.7	65.4	3.1	50
11.2	36.4	3134.7	700.0	7.1	-0.2	228.4	4.8	3.6	3.2	311.4	327.2	5.4	55.8	3.5	49
12.5	39.1	3433.9	675.0	5.6	-0.7	250.2	5.5	5.1	1.0	311.5	327.7	5.4	63.0	3.8	50
13.8	41.9	3742.4	650.0	-1.1	-5.6	274.1	5.1	5.1	-0.7	314.2	326.3	3.9	43.7	4.3	54
15.1	44.0	4082.2	625.0	3.5	-5.2	269.8	12.4	11.7	-4.2	316.2	329.1	4.2	53.0	4.9	62
16.3	47.4	4392.9	600.0	1.9	-3.0	299.0	13.4	11.7	-6.5	318.4	328.4	3.2	44.0	5.6	70
17.6	50.6	4734.7	575.0	-0.9	-11.4	306.1	12.3	9.9	-7.2	318.5	327.7	2.0	44.7	6.2	77
19.0	53.6	5087.7	550.0	-3.0	-14.4	308.5	10.1	7.9	-6.3	319.4	326.6	2.3	43.9	6.8	83
20.6	56.7	5433.5	525.0	-5.2	-20.5	302.6	9.3	7.0	-5.0	321.4	323.5	0.7	15.2	7.5	86
22.2	59.9	5733.0	500.0	-7.5	-40.6	292.2	5.7	8.5	-4.6	323.1	325.9	0.2	4.7	8.3	91
23.9	63.1	6033.4	475.0	-11.4	-42.9	292.7	11.2	10.3	-2.3	326.4	327.0	0.2	4.9	9.2	94
25.3	66.5	6388.4	450.0	-15.8	-44.7	264.7	5.6	9.3	-2.4	327.0	327.6	0.2	4.9	10.2	95
27.0	70.0	7081.1	425.0	-16.1	-30.4	268.5	9.4	9.4	0.1	328.2	329.3	0.3	11.3	11.0	96
28.6	73.6	7535.5	400.0	-16.4	-61.6	261.3	12.0	12.7	1.9	331.1	331.2	0.0	1.0	12.2	94
30.6	77.2	8013.7	375.0	-22.0	-54.4	250.8	13.1	12.3	4.3	332.2	332.8	0.1	3.5	13.7	92
33.3	81.0	8518.2	350.0	-25.3	-56.7	248.5	13.4	12.6	4.9	334.7	334.9	0.0	3.5	15.3	90
35.0	85.0	9022.5	325.0	-28.3	-59.5	250.0	13.0	11.2	4.1	337.1	337.8	0.0	3.2	16.7	88
37.0	88.2	9521.0	300.0	-31.2	-43.0	272.3	13.6	13.8	-0.4	330.4	339.7	0.3	36.7	18.1	87
39.0	93.6	10246.5	275.0	-37.6	-38.9	270.2	20.6	20.6	-0.1	330.4	342.4	0.3	86.6	20.2	86
41.3	99.2	10880.1	250.0	-41.2	59.9	270.5	29.2	25.2	-0.3	344.6	349.9	99.9	99.9	23.3	88
43.7	103.0	11586.4	225.0	-47.0	99.9	272.1	38.7	38.7	-1.4	346.4	349.9	99.9	99.9	28.3	89
46.4	108.3	12357.8	200.0	-51.4	59.9	261.9	40.6	40.6	-8.4	351.4	349.9	99.9	99.9	35.2	90
49.6	114.0	13213.9	175.0	-57.6	99.9	291.2	30.7	28.2	-12.1	354.8	349.9	99.9	99.9	41.7	93
52.8	123.0	14122.7	150.0	-64.2	59.9	269.5	28.4	26.8	-9.5	359.2	349.9	99.9	99.9	48.5	95
56.4	126.0	15280.1	125.0	-68.6	59.9	280.8	22.2	21.8	-4.1	370.7	349.9	99.9	99.9	52.4	97
60.9	134.3	16617.2	100.0	-66.8	99.9	207.8	0.0	3.7	7.0	358.2	349.9	99.9	99.9	55.4	96
66.4	142.7	18368.5	75.0	-62.3	59.9	251.1	5.0	4.7	1.6	440.2	349.9	99.9	99.9	55.7	94
73.8	152.0	20890.3	50.0	-57.0	99.9	113.3	5.0	-5.3	2.3	907.2	349.9	99.9	99.9	55.0	94
87.8	162.0	25338.4	25.0	-47.8	59.9	85.9	8.9	-8.5	-0.6	837.4	349.9	99.9	99.9	48.7	94

00 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

00 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532  
 PEORIA, ILLINOIS

 8 JUNE 1979  
 1100 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG F	E POT T DEG K	MR RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	7.4	200.0	999.0	19.4	18.4	210.0	1.3	0.7	1.3	293.2	328.7	13.6	94.0	0.0	9.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.
0.5	8.6	323.9	975.0	21.8	19.5	214.2	8.8	4.9	7.3	291.1	335.8	14.9	87.3	0.2	59.
1.2	10.0	551.3	950.0	23.3	20.4	224.4	6.9	4.9	5.8	300.9	343.0	16.2	83.8	0.5	45.
2.0	13.2	789.8	925.0	22.5	19.5	228.6	4.4	3.3	2.9	302.3	344.1	15.7	83.4	0.7	47.
2.8	15.6	1023.7	900.0	21.2	18.5	216.0	4.3	2.4	3.5	303.4	343.0	15.1	84.2	0.9	46.
3.6	19.0	1267.7	875.0	18.9	17.3	201.5	4.6	1.7	4.3	303.2	342.3	14.4	90.4	1.2	42.
4.5	20.4	1517.2	850.0	17.3	15.1	194.8	5.5	1.4	5.3	304.2	339.0	12.8	86.9	1.4	38.
5.4	22.9	1772.4	825.0	15.4	14.3	195.2	4.9	1.3	4.7	304.5	339.1	12.5	82.9	1.7	34.
6.3	25.4	2033.9	800.0	14.1	12.4	217.6	4.5	2.7	3.5	306.1	337.6	11.4	89.8	1.9	32.
7.2	28.0	2302.0	775.0	14.5	9.2	232.1	6.5	4.9	3.8	309.4	336.2	9.5	70.5	2.2	34.
8.0	30.6	2575.2	750.0	12.4	4.8	230.3	6.5	5.0	4.2	311.1	331.9	7.3	56.5	2.5	37.
9.0	33.2	2864.2	725.0	11.8	1.4	219.2	4.3	4.0	4.9	312.5	329.5	5.8	48.5	2.8	38.
10.0	35.9	3154.8	700.0	9.2	1.1	211.7	5.7	3.0	4.8	312.7	330.3	4.0	57.8	3.2	38.
10.9	38.7	3457.4	675.0	7.4	-1.6	211.1	5.9	3.1	5.1	313.6	328.9	3.1	52.8	3.5	37.
12.0	41.4	3767.8	650.0	6.2	-5.8	219.9	6.6	3.4	5.6	316.6	327.7	3.8	41.7	3.9	36.
13.1	44.2	4082.2	625.0	4.0	-6.6	214.6	8.0	4.3	5.3	317.6	326.0	1.3	24.8	5.7	38.
14.2	47.1	4419.2	600.0	1.9	-5.1	232.1	4.6	3.6	2.8	318.4	331.7	4.4	59.6	4.8	37.
15.4	50.1	4741.2	575.0	-0.6	-9.0	230.6	3.3	2.5	2.1	319.1	329.6	3.4	53.6	5.0	38.
16.6	53.1	5114.6	550.0	-3.9	-11.8	221.6	4.3	2.8	3.2	319.4	328.3	2.8	54.4	5.3	38.
17.9	56.3	5480.7	525.0	-5.8	-12.1	213.6	6.3	3.5	5.3	321.7	326.0	1.3	24.8	5.7	38.
19.2	59.5	5862.3	500.0	-6.8	-14.0	214.6	8.0	3.4	4.9	325.1	325.3	0.0	1.0	6.2	37.
20.5	62.7	6243.5	475.0	-8.8	-15.5	223.9	5.7	3.9	4.1	327.1	327.3	0.0	1.0	6.6	38.
21.8	66.0	6677.3	450.0	-12.5	-17.8	224.6	5.0	3.5	3.5	327.2	327.6	0.0	1.0	7.1	38.
23.1	69.5	7111.1	425.0	-16.3	-21.3	222.5	5.8	4.0	4.3	328.6	330.5	0.7	31.1	7.4	38.
24.4	73.0	7560.6	400.0	-17.1	-18.2	228.5	10.5	7.9	6.9	332.6	340.4	2.3	91.1	8.0	39.
25.9	76.7	8048.2	375.0	-20.4	-22.0	236.7	14.4	12.0	7.9	334.7	340.4	1.8	86.9	9.1	41.
27.3	80.5	8558.2	350.0	-27.8	-26.1	237.7	18.3	13.7	8.7	336.7	341.2	1.3	80.7	10.4	43.
28.9	84.5	9054.0	325.0	-27.4	-29.9	232.9	18.4	14.7	11.1	339.6	342.5	1.0	78.9	12.0	45.
30.7	88.7	9655.3	300.0	-31.9	-35.2	235.8	21.7	17.9	12.2	340.2	342.8	0.6	71.7	14.2	46.
32.5	93.0	10274.2	275.0	-36.7	-40.4	238.0	24.4	20.7	12.9	342.1	343.6	0.4	67.9	16.4	48.
34.6	97.6	10927.6	250.0	-41.8	-44.9	241.1	25.3	22.2	12.2	343.9	344.9	0.9	599.9	19.6	49.
36.9	102.6	11631.4	225.0	-47.7	-49.9	252.1	28.4	27.0	8.7	345.2	349.9	9.9	595.9	23.1	52.
39.2	107.8	12401.3	200.0	-52.9	-54.9	267.7	35.4	35.4	1.4	348.0	349.9	9.9	599.9	27.0	56.
42.0	113.5	13259.6	175.0	-53.0	-54.9	272.5	26.7	26.4	-1.4	362.4	349.9	9.9	599.9	32.1	63.
45.1	118.3	14260.4	150.0	-59.0	-59.9	262.5	14.0	13.9	1.8	368.4	349.9	9.9	599.9	34.8	65.
48.1	126.3	15360.5	125.0	-67.8	-67.8	265.3	13.7	13.6	1.1	372.2	349.9	9.9	599.9	37.3	67.
51.9	136.0	16655.3	100.0	-66.6	-69.9	239.0	8.0	6.9	4.1	399.2	349.9	9.9	595.9	39.6	67.
56.7	142.3	18443.3	75.0	-63.1	-69.9	175.3	5.4	-0.4	5.4	440.6	349.9	9.9	599.9	41.5	66.
63.0	151.7	20970.4	50.0	-57.3	-59.9	101.5	6.9	-6.8	1.4	508.6	349.9	9.9	595.9	39.9	45.
73.1	161.7	25487.7	25.0	-47.5	-59.9	999.9	99.9	99.9	99.9	448.4	349.9	9.9	999.9	36.2	61.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 883  
OMAHA, NEBRASKA7 JUNE 1979  
1101 GMT

TIME MIN	CNCT	WIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT I DEG K	E POT I DEG K	MR STG CM/KG	RM PCT	RANGE KM	AZ DEG
0-0	10-3	408.6	553.7	20.0	18.3	190.0	3.1	0.8	3.1	297.2	334.0	14.1	90.0	0.0	0.0
0-9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0-9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0-1	10-6	433.8	950.0	20.4	18.8	198.0	7.4	2.5	7.4	297.1	336.3	14.6	90.0	0.1	10.0
0-9	12-6	653.5	525.0	20.3	18.9	218.0	14.1	8.9	11.0	300.1	339.0	15.1	91.6	0.4	29.0
1-0	14-7	602.8	900.0	20.3	16.6	241.2	12.2	10.7	5.9	302.4	338.4	13.4	79.7	1.3	60.0
1-0	17-0	1147.5	875.0	21.4	15.0	246.3	5.5	6.7	3.8	306.1	339.9	12.3	66.6	1.9	50.0
3-0	19-2	1398.9	850.0	19.6	14.0	245.1	9.4	6.7	4.0	306.4	339.4	11.9	70.2	2.4	53.0
4-7	21-6	1675.7	825.0	17.6	13.1	250.4	6.3	7.0	2.8	306.4	338.5	11.6	78.0	2.9	55.0
5-8	23-7	1917.4	800.0	14.4	12.2	240.2	7.5	6.5	3.7	306.4	337.4	11.3	86.7	3.4	57.0
6-7	26-0	2185.0	775.0	12.2	10.6	230.2	8.6	6.6	5.6	306.5	335.9	10.5	90.3	3.8	57.0
7-7	29-3	2460.4	750.0	5.9	8.3	234.2	9.2	7.4	5.4	307.2	333.0	9.2	90.0	4.4	56.0
8-6	30-7	2741.9	725.0	6.0	4.5	232.5	9.7	7.7	5.9	308.2	328.9	7.3	78.0	5.0	56.0
9-9	33-2	3031.2	700.0	6.0	2.3	230.7	9.6	7.9	6.1	309.2	327.7	6.5	78.0	5.5	55.0
10-8	35-7	3329.0	675.0	4.3	1.5	232.4	9.9	7.9	6.1	310.2	326.9	6.4	81.8	6.1	55.0
11-9	38-3	3635.7	650.0	2.3	-0.9	229.0	10.2	7.4	6.6	311.6	327.8	5.5	79.1	6.8	55.0
13-0	43-9	3952.2	625.0	1.1	-3.6	215.4	9.5	5.5	7.7	313.7	327.7	4.7	71.0	7.5	56.0
14-2	47-7	4280.3	600.0	-0.3	-9.7	205.4	5.2	3.9	8.3	315.6	325.2	3.1	48.0	8.1	52.0
15-4	46.4	4619.9	575.0	-2.4	-11.9	201.1	5.2	3.3	8.6	317.2	325.5	2.7	48.2	8.6	49.0
16-7	49-3	4971.4	550.0	-4.4	-12.7	210.5	9.5	5.0	8.5	318.7	326.9	2.6	53.0	9.3	47.0
19-0	52-3	5338.5	525.0	-6.3	-23.2	215.7	9.5	5.9	7.7	320.6	324.7	1.1	25.3	10.1	47.0
19-7	54.4	5716.2	500.0	-6.0	-18.9	221.5	5.6	6.4	7.2	322.1	327.7	1.7	44.2	10.8	46.0
23-6	58.6	6111.1	475.0	-11.2	-45.2	7.6	10.0	6.4	5.3	324.1	325.2	0.3	9.4	11.5	46.0
23-1	61.9	6524.3	450.0	-13.8	-59.7	235.9	9.1	7.9	5.1	325.5	326.0	0.0	1.0	12.4	47.0
23-7	65.3	6956.6	425.0	-15.7	-76.7	234.0	6.0	6.5	4.7	328.9	330.3	0.4	14.4	13.2	48.0
25-4	69.9	7411.0	400.0	-19.1	-91.0	247.5	9.1	8.4	3.5	330.1	331.0	0.2	11.4	14.0	48.0
27-2	72.6	7887.2	375.0	-23.1	-97.1	260.2	11.6	11.7	2.0	331.1	331.3	0.1	3.9	15.0	50.0
29-1	76.5	8389.3	350.0	-24.8	-97.1	262.8	12.4	12.3	1.6	332.4	332.7	0.6	1.0	16.3	53.0
31-0	80.6	8919.4	325.0	-31.3	-70.1	258.0	10.5	10.2	2.4	333.2	333.8	0.0	1.0	17.4	55.0
32-9	84.8	9480.0	300.0	-36.6	-66.3	257.4	11.8	11.5	2.6	333.2	333.8	0.0	2.9	18.5	56.0
35-0	89.5	10077.9	275.0	-40.8	-69.9	269.0	14.2	14.2	0.2	336.2	339.9	59.9	99.9	20.0	54.0
37-2	94.4	10718.5	250.0	-46.5	-59.9	275.3	15.0	15.0	-1.4	337.0	399.9	99.9	99.9	21.4	61.0
39-3	99.6	11410.4	225.0	-50.7	-59.9	262.5	16.0	15.9	2.1	340.0	399.9	99.9	99.9	23.3	64.0
41-9	105.3	12180.4	200.0	-51.8	-59.9	256.5	17.2	16.7	4.0	351.1	399.9	99.9	99.9	26.1	65.0
44-8	111.5	13342.2	175.0	-53.5	-59.9	256.0	14.7	14.2	3.6	361.6	399.9	99.9	99.9	28.5	66.0
47-0	119.3	14018.1	150.0	-59.9	-59.9	269.2	17.9	17.9	0.3	361.6	399.9	99.9	99.9	31.5	68.0
51-4	125.7	15150.9	125.0	-61.4	-59.9	259.3	15.8	15.5	2.9	383.6	399.9	99.9	99.9	34.9	70.0
55-7	134.3	16535.7	100.0	-61.5	-59.9	247.5	13.4	12.4	5.1	409.0	399.9	99.9	99.9	38.3	70.0
60-7	143.5	18324.1	75.0	-61.5	-59.9	207.6	9.1	4.2	8.0	444.0	399.9	99.9	99.9	41.8	69.0
68-1	154.0	20875.2	50.0	-54.2	-59.9	123.8	5.7	-4.7	3.2	515.6	399.9	99.9	99.9	42.7	68.0
78-0	166.5	25417.7	25.0	-45.3	-59.9	99.9	99.9	99.9	99.9	454.7	399.9	99.9	99.9	39.8	63.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 853  
OMAHA, NEBRASKA7 JUNE 1979  
1400 GMT

TIME MIN	CMTC	HEIGHT GPN	PMES MB	TEMP DEG C	DPN PT DEG C	DIR DEG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	PGT 4 DEG K	E POT 7 DEG K	MP RTO CM/KG	RM PCT	RANGE AZ KM	150 15. 0
0.0	10.7	400.0	955.0	19.3	11.7	18.0	4.1	-0.7	-4.0	296.2	323.7	10.4	70.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.1	11.1	432.4	950.0	18.5	12.1	37.2	9.4	-0.9	-8.3	296.0	321.0	9.4	66.2	0.3	175.0
1.0	11.4	601.1	925.0	17.9	12.7	17.2	9.6	-2.8	-9.2	297.7	324.4	10.0	71.2	0.5	190.0
1.8	13.7	916.2	900.0	17.6	11.9	0.3	9.1	-0.0	-9.1	298.6	326.1	5.0	69.4	1.0	180.0
2.6	18.1	1157.3	875.0	17.0	13.3	342.5	8.0	2.0	-0.4	301.5	331.3	11.1	78.7	1.4	185.0
3.5	20.5	1405.7	850.0	17.2	13.9	290.6	4.2	3.9	-1.5	304.5	336.0	11.9	79.3	1.6	178.0
6.4	22.9	1661.2	825.0	16.3	11.6	223.4	9.9	3.9	2.9	305.4	338.8	10.5	73.9	1.6	171.0
3.3	23.4	1923.1	800.0	14.4	11.6	219.0	7.0	4.4	5.4	306.7	338.6	10.8	82.6	1.4	161.0
6.2	27.9	2191.4	775.0	12.8	8.8	225.6	8.5	6.1	5.9	307.6	333.4	9.3	76.6	1.2	153.0
7.0	30.4	2466.6	750.0	10.7	6.6	236.5	8.8	7.3	4.8	308.2	331.3	8.2	76.0	1.3	122.0
8.6	32.9	2749.1	725.0	5.4	5.2	243.5	9.2	8.2	4.1	309.7	331.7	7.7	75.4	1.6	107.0
9.0	33.6	3039.8	700.0	7.4	3.9	241.7	10.5	9.3	5.0	310.7	331.4	7.3	78.4	2.0	95.0
10.1	33.2	3330.8	675.0	5.0	3.3	243.3	10.5	9.4	4.7	311.3	332.0	7.2	88.4	2.7	86.0
11.3	40.9	3646.4	650.0	3.1	1.9	243.2	10.5	9.4	4.6	312.5	332.2	6.8	51.6	3.4	82.0
12.4	41.6	3963.9	625.0	1.3	-2.4	244.8	11.6	10.5	4.9	314.0	331.6	6.0	80.4	4.1	78.0
13.6	46.4	4292.1	600.0	-0.6	-1.9	241.2	12.1	10.6	5.8	315.4	331.9	5.6	51.0	4.9	74.0
14.8	49.3	4632.0	575.0	-1.5	-0.9	246.0	13.6	10.5	5.4	318.2	330.4	4.0	86.3	5.8	74.0
16.0	51.1	4985.5	550.0	-3.2	-10.2	256.0	15.0	15.4	3.3	320.3	327.7	2.3	42.3	6.9	74.0
17.3	51.1	5352.1	525.0	-6.2	-10.7	261.0	18.1	17.9	2.6	320.5	331.0	3.2	70.7	8.2	75.0
18.7	58.3	5732.8	500.0	-5.4	-10.5	260.9	19.3	18.1	3.1	321.6	332.4	3.4	91.4	9.7	76.0
19.9	61.3	6127.8	475.0	-10.8	-15.1	258.6	17.5	17.2	3.3	324.1	332.7	2.5	70.6	11.1	76.0
21.3	64.5	6561.4	450.0	-13.8	-18.3	253.8	16.3	15.7	4.5	325.4	333.6	2.4	81.7	12.6	76.0
23.0	67.9	6973.5	425.0	-16.4	-21.7	248.9	15.2	14.7	5.0	327.5	333.2	1.6	63.5	14.1	74.0
24.7	71.3	7426.9	400.0	-18.0	-25.2	255.0	15.0	15.3	3.9	329.2	333.7	1.2	61.2	15.7	75.0
26.4	74.8	7904.3	375.0	-22.4	-31.5	259.0	18.1	17.8	3.5	331.9	334.4	0.7	41.4	17.4	76.0
28.1	78.4	8406.7	350.0	-26.4	-38.5	254.3	16.4	15.0	4.4	332.5	335.0	0.6	66.7	19.1	76.0
30.2	82.3	8937.3	325.0	-38.0	-40.0	259.9	17.2	15.7	7.0	334.2	335.0	0.4	40.7	21.1	75.0
32.5	86.2	9501.3	300.0	-44.7	-52.0	241.0	18.4	16.2	8.6	334.2	336.8	0.1	15.0	23.7	74.0
34.7	90.3	10193.3	275.0	-39.5	-50.9	251.0	19.6	16.6	6.2	338.6	339.9	99.9	99.9	26.1	73.0
36.7	94.8	10746.6	250.0	-45.7	-59.9	253.0	21.0	21.1	6.1	338.2	339.9	99.9	99.9	28.4	73.0
39.1	99.4	11440.9	225.0	-50.7	-68.9	259.4	24.5	23.7	8.0	340.5	339.9	99.9	99.9	32.0	73.0
42.0	104.4	12209.0	200.0	-51.0	-68.9	259.4	24.5	23.7	6.2	332.8	339.9	99.9	99.9	36.0	73.0
44.9	109.8	13071.2	175.0	-54.2	-59.9	257.9	21.7	21.2	4.5	358.7	339.9	99.9	99.9	40.3	73.0
48.2	115.8	14044.2	150.0	-59.0	-68.9	255.4	17.1	16.6	4.3	367.6	339.9	99.9	99.9	44.3	73.0
51.9	123.3	15175.0	125.0	-61.0	-68.9	253.1	14.7	13.8	5.0	384.6	339.9	99.9	99.9	47.7	74.0
56.3	129.7	16567.6	100.0	-60.0	-68.9	256.4	15.6	11.3	10.0	410.3	339.9	99.9	99.9	50.9	72.0
61.4	134.0	18345.7	75.0	-62.4	-59.9	255.4	8.4	3.7	7.7	441.7	339.9	99.9	99.9	55.1	70.0
69.1	149.5	20908.5	50.0	-54.3	-68.9	156.9	0.1	-3.4	9.1	815.7	339.9	99.9	99.9	95.5	68.0
80.3	163.0	25666.6	25.0	-47.4	-68.9	164.0	0.2	-8.0	2.1	648.4	339.9	99.9	99.9	92.8	64.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 953 OMAHA, NEBRASKA														149 12. 8			
7 JUNE 1979																	
1700 CDT																	
TIME	CNTCT	WEIGHT	PRES	TEMP	DEB PT	DIM	SPEED	U COMP	V COMP	PCT Y	E POT	W RTO	RH	RANGE	AZ		
MIN		CPH	MB	DEG C	CG C	CG	M/SEC	M/SEC	M/SEC	CG M	CG M	CM/SEC	PCY	MM	DEG		
0.0	10.0	400.0	954.8	25.8	14.9	260.8	2.6	2.6	0.5	302.2	334.8	12.8	59.8	0.8	0.		
00.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
05.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
1.2	10.6	402.7	950.0	23.9	15.7	999.9	99.9	99.9	99.9	301.4	333.5	11.9	60.0	999.9	99.9		
1.2	12.8	405.3	945.0	21.2	14.2	999.9	99.9	99.9	99.9	301.0	332.1	11.6	67.0	999.9	99.9		
1.9	15.0	402.3	940.0	19.0	14.7	999.9	99.9	99.9	99.9	301.1	332.8	11.8	75.9	0.3	89.		
2.0	17.2	1174.5	975.0	17.1	13.9	254.4	2.3	2.1	-0.9	301.2	332.5	11.5	81.4	0.4	99.		
3.5	14.5	1422.5	950.0	16.9	12.4	277.4	3.6	3.5	-0.5	301.2	333.2	10.6	75.8	0.5	101.		
4.4	21.6	1877.8	825.0	14.2	11.5	246.4	8.4	5.8	2.6	306.1	335.7	10.4	69.0	0.7	93.		
5.4	23.9	1840.3	800.0	13.5	9.8	222.3	7.5	7.1	2.3	307.6	334.4	9.6	65.1	1.1	61.		
6.4	26.3	2009.6	775.0	14.1	5.3	261.9	6.3	6.2	-1.3	308.5	329.6	7.2	55.4	1.5	82.		
7.3	29.6	2495.4	750.0	11.9	1.9	258.8	7.3	6.4	-1.5	309.2	326.4	5.9	50.1	1.8	89.		
8.4	31.0	2762.1	725.0	5.5	0.8	262.3	7.0	6.9	-1.5	309.5	326.2	5.6	54.4	2.3	94.		
9.4	33.4	3058.4	700.0	7.2	3.2	264.1	8.0	7.9	0.8	310.2	330.5	7.0	75.9	2.7	93.		
10.5	35.8	3357.5	675.0	5.2	1.5	254.3	11.4	10.9	3.1	311.4	329.9	6.4	77.4	3.3	90.		
11.6	39.4	3685.5	650.0	3.9	-2.6	262.1	14.3	14.1	2.0	313.3	327.6	4.9	63.0	4.1	87.		
12.6	41.0	3983.8	625.0	3.4	-19.8	276.1	18.0	15.9	-1.7	316.4	320.5	1.3	16.2	5.2	86.		
13.4	43.6	4314.1	600.0	1.2	-12.0	279.5	15.7	15.5	-2.6	317.5	325.5	2.5	36.5	6.2	90.		
15.1	46.2	4654.9	575.0	-1.6	-3.9	273.5	14.4	14.3	-0.9	318.2	328.7	3.4	57.4	7.4	91.		
16.5	49.0	5027.3	550.0	-4.1	-10.5	264.6	12.9	12.8	1.2	319.3	329.0	3.1	60.8	8.5	91.		
18.1	51.8	5373.8	525.0	-9.4	-11.2	260.5	16.5	14.3	2.4	321.7	331.4	3.1	64.3	9.7	90.		
19.4	54.6	5735.4	500.0	-9.6	-10.4	256.5	18.4	16.1	3.9	323.2	334.2	3.4	62.6	11.1	84.		
21.2	57.6	6152.7	475.0	-10.6	-14.1	255.4	16.7	16.1	4.2	324.5	333.5	2.7	75.3	12.7	87.		
22.8	60.6	6566.7	450.0	-17.7	-16.4	252.5	17.9	17.1	5.4	326.0	333.7	2.4	79.9	14.3	85.		
24.3	63.6	7000.7	425.0	-14.8	-21.4	252.4	20.1	19.2	6.1	329.9	333.5	1.0	36.0	16.0	84.		
25.9	66.9	7436.5	400.0	-18.5	-32.1	251.6	19.9	19.2	5.3	331.0	333.5	0.6	28.8	18.0	83.		
27.7	70.1	7934.8	375.0	-22.8	-34.4	242.3	18.3	17.5	5.6	331.4	333.3	0.5	33.6	20.0	82.		
29.5	73.6	8435.6	350.0	-27.3	-44.6	242.7	16.3	17.7	6.4	332.6	332.8	0.2	17.3	22.0	81.		
31.6	77.1	8964.6	325.0	-31.3	-53.6	242.5	18.5	16.4	8.5	333.2	335.9	0.1	9.6	24.2	79.		
33.8	83.9	9526.8	300.0	-35.3	-57.2	236.9	20.3	17.0	11.1	335.6	335.0	0.1	8.5	26.7	78.		
36.0	84.7	10127.7	275.0	-39.9	59.9	231.0	18.1	14.0	11.4	337.4	339.8	99.9	99.9	29.0	76.		
38.1	89.8	10771.3	250.0	-44.4	59.9	231.2	22.4	18.8	12.1	340.1	349.9	99.9	99.9	31.2	74.		
40.5	93.2	11370.7	225.0	-47.8	99.9	243.8	25.1	26.1	12.6	345.3	349.9	99.9	99.9	34.9	72.		
43.9	97.8	11944.8	200.0	-50.6	99.9	240.1	36.5	28.7	10.4	353.2	349.9	99.9	99.9	39.5	72.		
45.7	103.0	12440.2	175.0	-56.3	99.9	250.6	27.9	26.2	9.5	368.4	349.9	99.9	99.9	44.4	72.		
49.6	108.3	14067.7	150.0	-59.1	59.9	230.9	17.9	15.5	9.0	368.3	349.9	99.9	99.9	48.4	71.		
52.8	114.5	15219.3	125.0	-62.7	99.9	231.2	18.2	12.6	10.2	381.2	349.9	99.9	99.9	51.3	70.		
56.0	121.3	16556.5	100.0	-62.7	59.9	231.3	16.4	13.1	9.8	406.4	349.9	99.9	99.9	55.1	69.		
61.2	129.5	18199.3	75.0	-57.4	59.9	203.0	9.3	3.4	8.5	452.2	349.9	99.9	99.9	59.2	58.		
68.4	133.5	20999.2	50.0	-56.8	99.9	162.0	7.0	-2.2	6.7	514.2	349.9	99.9	99.9	59.7	65.		
90.2	151.5	25566.2	25.0	-46.3	59.9	99.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	58.4	61.		

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 953  
OMAHA, NEBRASKA7 JUNE 1976  
2030 GMT

TIME MIN	CNCT1	WEIGHT GPM	PRES MM	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG F	E POT T DEG F	WZ RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	10.7	400.0	937.1	28.8	15.7	310.0	7.2	2.5	-6.9	305.8	338.2	11.8	45.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
01.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.2	11.4	400.1	930.0	27.1	12.3	312.4	9.9	1.3	-9.8	304.7	330.9	9.5	39.9	0.3	187.
0.7	13.7	700.9	925.0	24.6	11.5	312.6	6.7	1.3	-9.7	304.1	330.1	9.3	43.9	0.4	169.
1.4	16.2	940.3	900.0	22.1	10.6	310.2	5.6	1.6	-9.5	304.2	329.8	9.1	48.7	0.8	171.
2.2	18.7	1184.2	875.0	19.7	10.5	313.7	8.6	2.4	-8.3	304.1	329.3	9.2	55.4	1.2	169.
2.9	21.1	1433.3	850.0	17.9	9.3	318.0	6.7	1.4	-8.5	304.5	328.9	9.1	57.0	1.6	167.
3.7	23.7	1687.8	825.0	15.2	7.7	317.5	5.2	0.2	-5.2	304.7	327.1	9.1	60.7	1.8	166.
4.6	26.3	1947.0	800.0	13.3	7.0	319.5	4.9	0.0	-4.9	305.2	327.4	7.9	65.7	2.1	170.
5.3	29.8	2214.5	775.0	10.7	7.1	324.2	4.4	2.6	-3.6	305.2	328.1	8.2	78.5	2.3	170.
6.0	31.4	2488.5	750.0	11.3	6.2	325.2	8.0	7.7	2.1	308.5	331.5	8.0	70.6	2.4	160.
7.6	34.1	2771.8	725.0	10.7	5.7	324.3	11.0	10.1	4.4	311.2	329.9	8.5	57.7	2.4	165.
8.7	36.9	3064.1	700.0	10.0	-3.3	285.6	5.7	9.1	3.4	313.2	326.5	4.3	39.0	2.6	133.
9.5	39.7	3365.6	675.0	7.9	-3.7	293.1	9.1	6.7	2.6	314.2	327.5	4.3	43.6	2.8	126.
10.4	42.5	3675.7	650.0	5.2	-3.4	294.6	10.5	10.1	2.8	314.5	328.6	4.6	43.4	3.2	118.
11.5	45.4	3995.4	625.0	3.9	-4.4	291.9	12.0	11.6	3.3	316.4	329.6	4.4	56.3	3.8	110.
12.6	48.4	4325.6	600.0	0.8	-4.4	291.9	14.7	11.2	3.7	317.1	331.4	4.4	67.8	4.3	104.
13.7	51.4	4666.4	575.0	-1.9	-4.9	292.6	12.5	11.9	3.7	317.6	331.7	4.6	79.8	5.1	99.
15.0	54.4	5019.5	550.0	-3.4	-7.8	289.3	15.4	16.4	5.4	320.1	332.0	3.9	71.1	6.1	95.
16.3	57.6	5386.2	525.0	-5.9	-10.3	287.4	17.8	18.5	8.6	321.4	331.2	3.3	70.6	7.3	90.
17.6	60.8	5766.9	500.0	-8.7	-12.9	286.1	18.3	18.7	7.4	322.4	331.4	2.8	71.8	8.8	86.
19.3	64.1	6142.9	475.0	-11.0	-19.4	282.1	18.1	18.0	8.4	326.4	330.1	1.7	49.7	10.6	82.
21.0	67.4	6576.7	450.0	-13.7	-30.1	285.2	19.2	17.4	8.0	326.1	331.6	1.7	58.1	12.1	80.
22.4	71.0	7029.0	425.0	-14.5	-31.7	288.9	20.9	18.7	7.2	327.6	332.3	1.3	53.4	13.7	78.
23.9	74.4	7462.7	400.0	-14.5	-31.4	288.0	22.2	19.6	8.3	329.4	332.1	0.7	34.1	15.6	77.
25.5	78.3	7939.2	375.0	-23.3	-61.2	288.4	22.6	19.2	11.8	330.6	330.9	0.6	1.6	17.8	75.
27.4	82.1	8439.5	350.0	-27.7	-62.0	285.4	23.6	19.3	13.2	331.4	331.2	0.0	2.2	20.2	71.
29.7	86.2	8968.7	325.0	-31.0	-63.0	282.4	24.3	19.3	14.8	334.6	334.1	0.0	2.4	22.7	71.
31.3	90.3	9531.1	300.0	-35.7	-64.9	288.7	26.1	19.6	17.2	335.1	335.1	0.0	3.2	25.6	68.
32.4	94.7	10130.1	275.0	-40.2	-69.9	281.9	28.7	22.5	17.7	337.0	339.9	99.9	99.9	28.7	64.
35.6	99.3	10776.9	250.0	-43.0	-69.9	283.4	24.4	25.7	17.5	342.1	342.1	99.9	99.9	33.0	65.
38.2	104.2	11483.8	225.0	-45.4	-69.9	282.4	36.2	30.9	18.8	348.5	348.5	99.9	99.9	38.2	64.
40.8	109.4	12258.5	200.0	-51.3	-69.9	285.2	34.1	30.9	14.3	351.2	351.2	99.9	99.9	44.1	64.
43.7	115.0	13117.7	175.0	-55.5	-69.9	289.0	28.4	26.3	14.6	358.2	358.2	99.9	99.9	49.8	64.
46.9	121.3	14086.4	150.0	-61.8	-69.9	281.9	21.0	18.5	13.8	361.7	361.7	99.9	99.9	54.2	63.
50.5	128.0	15207.5	125.0	-62.8	-69.9	282.4	17.6	14.0	10.6	365.2	365.2	99.9	99.9	58.2	62.
54.8	135.7	16581.5	100.0	-63.3	-69.9	284.8	17.1	14.0	9.9	405.4	405.4	99.9	99.9	62.6	62.
60.2	144.5	18368.0	75.0	-60.2	-59.9	205.1	9.6	4.1	6.7	444.7	444.7	99.9	99.9	66.7	61.
66.6	153.7	20932.9	50.0	-54.8	-69.9	182.7	5.7	-1.7	8.5	514.3	514.3	99.9	99.9	67.9	59.
80.1	186.0	25608.4	25.0	-62.3	-69.9	122.8	7.4	-6.2	4.8	651.7	651.7	99.9	99.9	68.6	57.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 553  
OMAHA, NEBRASKA  
7 JUNE 1979  
2307 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY IT DEG K	E POT T DEG K	HR MTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	10.2	400.0	959.4	26.9	14.0	310.0	7.7	9.9	-4.9	303.6	332.4	10.6	45.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.2	11.1	467.0	950.0	26.4	12.4	337.9	10.1	3.6	-9.3	303.6	330.3	9.6	42.0	0.5	150.
1.0	13.5	721.5	925.0	24.2	12.0	344.1	9.5	2.7	-9.6	304.1	330.4	9.6	46.3	0.6	156.
1.9	16.0	960.4	900.0	21.8	11.5	353.5	9.8	1.1	-9.7	303.6	330.1	9.5	51.7	1.3	160.
2.8	18.4	1204.2	875.0	16.4	10.6	356.7	9.9	0.9	-9.9	303.6	329.3	9.2	56.7	1.8	166.
3.6	21.0	1452.7	850.0	17.1	9.7	358.3	9.9	1.7	-9.7	304.1	328.8	9.0	61.8	2.4	167.
4.7	23.5	1706.9	825.0	14.8	9.2	364.9	9.9	1.8	-9.6	304.2	328.9	8.9	69.2	2.9	167.
5.7	26.1	1967.0	800.0	12.2	8.8	352.0	3.1	0.4	-3.1	305.2	330.0	8.9	74.4	3.2	166.
6.8	29.7	2233.7	775.0	11.0	8.3	63.7	1.0	-1.0	-0.1	305.7	330.4	8.9	83.2	3.3	167.
8.0	31.3	2506.9	750.0	8.5	7.2	192.6	2.0	0.4	2.0	306.1	329.9	8.6	90.1	3.2	167.
9.0	34.0	2787.8	725.0	8.5	6.7	241.8	8.0	7.1	3.6	308.2	332.9	8.5	88.3	3.2	163.
10.1	36.8	3078.7	700.0	6.1	2.1	246.4	10.3	9.2	4.4	311.4	330.0	8.4	66.0	3.1	151.
11.1	39.6	3377.9	675.0	5.4	-1.7	245.8	9.4	8.8	3.9	311.8	326.5	8.0	55.8	3.2	140.
12.2	42.4	3686.0	650.0	4.1	-5.0	247.8	8.6	8.0	3.3	313.6	325.6	4.1	51.4	3.4	131.
13.3	45.3	4004.0	625.0	1.9	-6.6	245.0	10.1	9.2	4.2	314.7	327.7	4.4	41.9	3.6	123.
14.7	49.1	4332.7	600.0	0.1	-6.2	239.6	9.5	8.5	9.0	315.2	328.4	4.0	42.1	4.3	112.
16.0	51.3	4672.9	575.0	-2.7	-14.1	250.5	9.2	8.4	3.1	317.7	325.2	2.4	41.7	4.7	108.
17.3	54.4	5025.2	550.0	-3.9	-13.5	258.6	13.6	13.2	3.2	319.2	329.1	2.9	47.3	5.5	102.
18.6	57.6	5390.7	525.0	-7.0	-12.1	251.3	19.2	18.1	6.2	319.2	329.1	2.9	66.7	6.7	96.
20.1	60.9	5769.5	500.0	-10.0	-10.6	252.3	22.3	21.2	6.8	320.6	328.7	2.5	68.8	8.4	91.
21.6	64.1	6163.9	475.0	-11.5	-31.6	249.4	23.1	21.7	8.1	323.6	325.8	0.6	17.0	10.3	87.
23.0	67.6	6577.0	450.0	-13.8	-41.5	249.2	25.0	23.4	8.9	326.3	327.2	0.2	7.3	12.3	84.
24.6	71.1	7009.6	425.0	-16.5	-47.3	249.4	25.6	24.0	9.0	327.6	328.3	0.1	4.9	14.6	82.
26.3	74.7	7462.4	400.0	-20.1	-50.1	249.5	26.3	24.8	9.6	328.6	329.2	0.1	5.0	17.2	80.
28.1	78.4	7937.4	375.0	-23.7	-51.2	248.7	27.6	24.2	10.1	330.3	330.6	0.1	5.9	20.2	78.
29.9	82.3	8410.8	350.0	-26.9	-56.0	243.4	27.1	24.2	12.1	332.4	332.7	0.1	4.4	23.1	77.
31.5	86.3	8967.9	325.0	-31.6	-58.9	237.2	27.6	23.2	14.9	333.6	333.4	0.0	4.7	26.0	75.
33.8	90.5	9528.6	300.0	-35.9	-58.0	231.7	30.8	24.1	19.1	336.6	335.0	0.0	7.4	29.3	72.
36.0	95.0	10128.1	275.0	-39.6	-64.6	236.0	31.1	26.0	17.0	337.9	336.0	0.0	4.9	33.2	70.
38.9	99.6	10775.1	250.0	-43.2	-69.9	241.0	35.9	31.4	17.4	341.6	339.8	0.7	999.9	38.7	69.
41.7	104.6	11482.2	225.0	-45.6	-69.9	243.6	37.4	33.5	16.6	348.6	339.9	0.9	999.9	45.3	68.
44.5	110.0	12257.5	200.0	-50.9	-69.9	246.6	32.5	29.8	12.9	359.1	339.9	0.9	999.9	51.2	67.
47.6	115.8	13119.8	175.0	-56.2	-69.9	246.9	29.2	26.9	11.3	357.3	339.9	0.9	999.9	56.7	67.
50.9	125.0	14087.9	150.0	-61.8	-69.9	243.9	21.9	19.6	9.8	365.6	339.9	0.9	999.9	61.8	67.
54.5	128.8	15204.8	125.0	-64.6	-69.9	245.6	23.6	21.7	9.8	378.4	339.9	0.9	999.9	66.7	67.
59.3	136.7	16377.5	100.0	-62.7	-69.9	236.2	17.9	14.9	10.0	400.2	339.9	0.9	999.9	72.4	66.
65.1	145.5	17168.6	75.0	-61.2	-69.9	202.6	9.4	3.4	8.7	448.6	339.9	0.9	999.9	76.1	66.
72.9	155.5	20319.3	50.0	-54.1	-69.9	127.2	5.4	-4.3	3.3	511.4	339.9	0.9	999.9	77.9	66.
85.3	166.0	24633.2	25.0	-49.7	-69.9	88.6	7.9	-7.9	-0.2	653.2	339.9	0.9	999.9	75.2	62.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
6 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
90 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 533  
OMAHA, NEBRASKA6 JUNE 1979  
203 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MN RTO CM/KG	RH PCT	RANGE KM	AL DEG
0.0	9.9	600.0	901.8	22.1	11.8	330.0	7.2	1.3	-7.1	298.6	323.0	9.1	82.0	0.0	0.
59.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	11.0	507.5	940.0	22.4	12.3	355.0	17.5	1.3	-17.4	299.5	325.6	9.5	52.7	0.4	166.
1.1	13.4	739.3	925.0	20.8	11.8	354.5	14.4	1.4	-14.6	300.4	326.3	9.5	56.5	1.0	172.
2.1	15.8	975.4	900.0	18.3	10.7	356.2	13.6	0.9	-13.6	300.2	326.8	9.0	61.3	1.8	173.
3.1	18.2	1216.6	875.0	17.0	10.3	0.7	11.7	-0.2	-11.7	301.2	326.1	9.1	67.1	2.6	174.
4.1	20.7	1463.6	850.0	15.6	9.6	11.4	7.4	-1.5	-7.3	302.2	326.8	8.9	67.1	3.1	176.
4.9	23.1	1717.2	825.0	15.2	9.5	69.9	3.4	-3.3	-1.2	304.6	329.7	9.1	68.7	3.3	178.
6.0	25.7	1974.1	800.0	14.1	8.6	155.4	3.6	-1.5	3.2	306.1	330.7	8.8	69.7	3.2	181.
6.9	28.2	2246.1	775.0	13.0	8.6	190.1	4.3	0.6	4.2	307.2	333.3	9.1	74.4	3.0	181.
7.9	30.9	2521.3	750.0	11.2	6.8	231.8	5.0	3.9	3.1	308.7	332.2	8.3	74.7	2.7	179.
8.9	33.5	2804.1	725.0	9.1	4.2	268.5	6.2	6.2	0.2	309.4	331.2	7.7	76.4	2.7	172.
10.0	36.2	3094.2	700.0	7.2	-0.4	214.2	7.1	7.1	-0.5	310.2	328.0	5.3	56.4	2.8	163.
11.0	39.0	3382.5	675.0	5.5	-0.5	250.0	7.7	7.5	1.6	311.2	327.9	5.5	65.3	3.0	155.
12.0	41.9	3700.3	650.0	3.5	-1.5	244.7	9.6	8.7	4.1	313.5	326.6	5.3	69.7	3.1	145.
13.2	44.7	4018.1	625.0	2.0	-2.6	231.8	11.5	9.0	7.1	314.7	325.8	5.1	71.8	3.2	132.
14.3	47.6	4347.4	600.0	1.2	-10.3	222.3	14.4	9.7	10.7	317.2	325.6	2.9	42.0	3.4	117.
15.6	50.6	4688.7	575.0	-1.3	-5.6	225.6	16.2	13.0	12.7	318.2	331.9	4.4	72.4	3.9	99.
16.9	53.4	5041.7	550.0	-4.1	-7.3	231.1	20.2	16.8	12.2	319.2	331.5	4.0	78.3	4.9	86.
18.1	56.8	5407.0	525.0	-7.0	-11.4	240.1	21.7	18.6	10.8	320.4	329.5	3.1	70.9	6.4	79.
19.4	60.0	5785.2	500.0	-11.0	-11.7	244.5	23.0	20.7	9.9	319.7	328.4	3.1	84.4	8.1	76.
20.7	63.3	6178.4	475.0	-11.6	-36.6	244.8	24.2	21.9	10.3	323.4	328.8	0.3	10.4	9.9	74.
22.1	66.6	6591.5	450.0	-13.4	-33.1	243.9	26.0	23.4	11.4	326.4	328.2	0.5	17.2	12.1	72.
23.6	70.1	7023.6	425.0	-17.2	-35.8	243.9	27.9	25.1	12.3	327.5	328.5	0.4	17.8	14.7	71.
25.3	73.4	7475.4	400.0	-20.2	-40.2	249.1	27.6	25.8	9.9	328.7	329.7	0.3	13.9	17.2	70.
26.9	77.3	7950.2	375.0	-24.2	-44.0	250.1	28.2	26.6	9.6	329.2	330.4	0.2	13.9	19.9	70.
28.6	81.2	8450.1	350.0	-27.6	-48.9	245.1	30.7	27.8	12.9	331.2	332.2	0.2	13.8	23.8	70.
30.3	85.0	8978.9	325.0	-31.4	-49.7	236.5	33.7	28.1	18.6	333.4	333.9	0.1	14.2	26.1	69.
32.4	89.3	9541.9	300.0	-34.6	-53.7	232.3	35.3	28.0	21.6	336.2	337.0	0.1	12.2	30.4	66.
34.4	93.7	10144.0	275.0	-39.2	-57.1	236.7	34.7	29.0	19.1	338.2	338.8	0.1	12.7	34.5	65.
36.8	98.3	10742.1	250.0	-42.4	-59.9	236.7	37.7	32.2	18.6	343.1	339.9	99.9	99.9	39.5	64.
39.2	103.	11497.6	225.0	-46.6	-59.9	239.1	36.0	30.9	18.5	347.0	339.9	99.9	99.9	45.2	63.
42.1	108.5	12270.1	200.0	-51.1	-59.9	249.6	34.3	34.0	12.7	351.9	339.9	99.9	99.9	51.4	63.
45.1	113.3	13129.2	175.0	-54.2	-59.9	246.1	31.7	29.0	12.9	357.2	339.9	99.9	99.9	57.3	64.
48.4	120.3	14095.6	150.0	-60.1	-60.1	246.2	29.9	21.5	14.4	366.5	339.9	99.9	99.9	63.4	64.
52.2	127.3	15216.5	125.0	-64.3	-64.3	228.5	21.6	14.2	14.3	375.8	339.9	99.9	99.9	68.2	63.
56.8	135.0	16574.2	100.0	-64.5	-64.5	236.8	18.2	15.3	10.0	403.1	339.9	99.9	99.9	77.8	62.
62.7	144.0	18341.0	75.0	-62.6	-62.6	205.7	7.1	3.5	6.2	441.2	339.9	99.9	99.9	77.8	62.
71.1	154.3	20878.3	50.0	-55.7	-55.7	140.1	5.7	-3.7	4.4	512.2	339.9	99.9	99.9	78.6	60.
84.2	165.0	25370.4	25.0	-49.1	-49.1	91.3	7.1	-7.1	0.2	643.4	339.9	99.9	99.9	75.5	57.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 523  
OMAHA, NEBRASKA  
8 JUNE 1979  
002 GMT

TIME MIN	CNCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT X DEG K	E POT Y DEG K	M3 RTO GPH	MM PCT	RANGE KM	AZ DEG
0-0	9-9	400-0	943-1	19-3	8-9	310-0	6-7	2-3	-6-3	298-4	318-5	7-5	81-8	0-0	0-0
09-9	99-9	99-9	1000-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
09-9	99-9	99-9	975-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
0-6	11-4	330-0	950-0	19-4	9-1	999-9	99-9	99-9	99-9	296-2	317-5	7-7	51-8	99-9	99-9
1-0	11-7	764-7	925-0	17-4	8-8	999-9	99-9	99-9	99-9	297-1	317-7	7-6	90-4	99-9	99-9
1-7	16-1	999-0	900-0	15-6	8-4	999-9	99-9	99-9	99-9	297-6	318-4	7-7	62-1	1-5	172
2-6	19-4	1237-5	875-0	15-5	9-4	709-9	9-5	-3-4	-8-5	299-9	323-0	8-5	60-7	2-1	172
3-5	21-1	1483-6	850-0	15-2	9-2	65-7	7-9	-7-2	-3-2	302-0	325-7	8-7	62-6	2-5	183
4-4	23-6	1737-1	825-0	14-9	10-2	999-9	95-9	99-9	99-9	304-0	330-5	9-5	72-5	2-6	193
5-2	26-1	1557-1	800-0	12-7	9-2	999-9	95-9	99-9	99-9	304-7	330-0	9-2	79-1	99-9	99-9
6-0	28-7	2263-4	775-0	10-9	8-9	999-9	95-9	99-9	99-9	305-2	331-3	9-3	87-5	99-9	99-9
6-9	31-3	2536-6	750-0	8-8	7-8	999-9	95-9	99-9	99-9	306-1	331-0	9-0	93-9	2-5	222
7-7	34-0	2817-0	725-0	7-5	6-6	180-3	4-3	-2-3	3-7	307-7	331-6	8-5	98-6	2-5	228
8-6	36-8	3105-8	700-0	5-5	4-7	171-8	3-5	-0-5	3-4	308-6	330-3	7-7	98-5	2-4	232
9-5	39-6	3403-2	675-0	4-2	3-4	192-3	4-6	1-0	4-5	310-4	331-3	7-3	98-4	2-3	236
10-3	42-3	3710-5	650-0	2-6	1-8	212-3	4-2	3-3	5-3	312-0	331-5	6-7	98-1	2-1	240
10-9	45-2	4027-7	625-0	1-1	0-2	227-6	7-0	5-8	5-3	313-7	332-0	6-3	98-0	1-9	242
11-6	48-1	4356-3	600-0	-0-5	-1-2	234-0	10-1	8-1	5-9	315-2	332-9	5-9	98-2	1-8	244
12-5	51-0	4695-9	575-0	-2-3	-3-0	999-9	99-9	99-9	99-9	317-2	333-2	5-3	98-9	0-7	253
14-2	54-0	5047-1	550-0	-5-4	99-9	999-9	99-9	99-9	99-9	317-7	333-9	99-9	99-9	99-9	99-9
15-0	57-1	5410-6	525-0	-7-3	99-9	999-9	99-9	99-9	99-9	319-7	334-4	99-9	99-9	99-9	99-9
16-0	60-3	5789-2	500-0	-9-3	99-9	999-9	99-9	99-9	99-9	321-7	335-7	99-9	99-9	99-9	99-9
16-9	63-5	6184-6	475-0	-11-4	-12-4	999-9	98-9	98-9	99-4	323-2	336-7	3-1	92-6	2-8	35
18-6	66-9	6596-8	450-0	-16-5	99-9	999-9	99-9	99-9	99-9	322-2	337-9	99-9	99-9	99-9	99-9
20-7	70-3	7023-9	425-0	-15-7	-15-5	999-9	99-9	99-9	99-9	323-7	338-8	0-0	1-0	8-4	57
22-1	73-9	7471-4	400-0	-22-2	-23-1	233-9	30-9	27-7	13-6	326-8	329-2	0-0	1-0	14-9	60
23-6	77-5	7944-1	375-0	-24-5	-25-6	233-8	32-2	26-0	19-0	329-2	329-2	0-5	34-7	17-2	58
25-4	81-3	8444-5	350-0	-26-5	-27-9	228-8	31-8	24-0	21-0	333-6	330-7	0-2	19-7	21-4	55
27-5	85-7	8976-1	325-0	-29-8	-30-6	221-3	36-9	28-4	27-7	335-2	330-4	0-2	19-7	21-4	55
30-2	89-3	9443-1	300-0	-33-2	-34-1	221-2	38-1	28-1	28-7	338-2	330-7	0-0	1-0	23-1	50
32-6	93-8	10150-0	275-0	-37-8	-38-8	222-7	43-3	28-4	31-8	341-2	331-6	0-0	1-0	23-1	50
34-8	98-3	10803-7	250-0	-41-3	-42-4	227-6	41-9	31-6	28-2	344-2	332-9	99-9	99-9	38-0	49
37-4	103-2	11510-1	225-0	-46-6	-47-9	234-0	41-8	33-9	24-6	347-1	333-9	99-9	99-9	45-3	50
40-1	108-4	12282-3	200-0	-52-2	-53-9	240-4	45-7	39-8	22-4	350-1	334-9	99-9	99-9	52-4	51
43-6	114-0	13154-6	175-0	-57-5	-58-9	248-4	44-7	41-8	17-9	355-8	335-8	98-9	99-9	60-8	53
46-9	120-8	14096-6	150-0	-62-4	-63-9	259-8	39-0	38-6	19-8	362-2	336-8	99-9	99-9	67-8	54
50-9	127-0	15208-1	125-0	-68-4	-69-9	255-7	33-2	30-3	13-7	371-1	337-9	99-9	99-9	78-5	55
56-1	134-7	16561-5	100-0	-83-1	-84-9	244-8	17-6	18-0	7-5	405-8	338-9	99-9	99-9	86-3	56
62-2	143-3	18344-3	75-0	-82-4	-83-9	150-9	13-7	-8-8	12-9	442-5	339-9	99-9	99-9	99-7	55
70-8	153-7	20888-2	50-0	-87-4	-88-9	110-3	6-0	-8-4	2-1	508-4	340-9	99-9	99-9	90-1	53
83-0	163-0	23471-1	25-0	-91-8	-92-9	99-4	10-5	-10-5	0-8	637-8	341-9	99-9	99-9	97-4	50

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 823  
 OMAHA, NEBRASKA

 8 JUNE 1979  
 805 GMT

TIME MIN	CHTCT	WINDMT GPH	PRES MB	TEMP DE C	DEW PT DE C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DB R	E POT T GG K	WIND CM/KG	RM ACT	RANGE KM	AZ DG
0.0	9.0	400.0	965.5	14.4	9.2	10.0	7.7	-1.3	-7.0	390.2	310.4	7.0	71.0	0.0	0.0
0.0	9.0	99.0	1000.0	14.4	9.0	9.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
0.5	11.2	537.1	550.0	14.5	8.4	99.0	9.0	9.0	9.0	291.4	311.2	7.3	66.0	99.0	99.0
1.0	13.4	742.3	925.0	13.1	6.7	99.0	9.0	9.0	9.0	292.8	310.5	6.7	64.0	99.0	99.0
2.2	15.0	903.2	900.0	13.0	10.6	12.3	11.1	-6.2	-15.9	246.6	320.6	9.0	80.1	2.3	194.0
3.0	17.9	1231.7	875.0	14.4	12.0	31.4	13.8	-7.2	-11.0	243.7	325.9	10.1	85.4	3.0	197.0
3.7	20.2	1477.0	850.0	13.3	11.0	48.9	12.7	-9.5	-8.3	300.1	326.3	5.8	66.2	3.5	200.0
4.6	22.5	1720.4	825.0	12.1	10.6	69.3	11.5	-10.0	-4.1	301.4	326.0	9.8	90.8	3.9	205.0
5.1	24.8	1966.3	800.0	11.1	10.5	56.6	11.3	-11.2	1.3	303.0	330.3	10.0	95.7	4.3	211.0
6.0	27.2	2252.2	775.0	10.6	9.9	127.4	10.4	-0.2	6.3	305.2	332.7	10.0	95.6	4.3	216.0
6.8	29.7	2526.1	750.0	9.8	9.2	145.4	10.4	-5.3	9.0	307.2	334.5	9.8	95.5	4.3	224.0
7.7	32.1	2807.9	725.0	6.5	7.9	171.3	11.2	-1.7	11.1	308.2	334.9	9.3	96.0	4.0	232.0
8.7	34.7	3097.9	700.0	6.2	5.6	189.0	11.5	1.0	11.5	309.4	332.7	8.2	95.7	3.7	240.0
9.7	37.2	3356.4	675.0	4.9	4.9	182.6	11.4	0.5	11.4	311.1	333.2	7.7	95.5	3.3	250.0
10.8	39.8	3704.2	650.0	2.7	1.8	180.4	11.0	0.1	11.0	312.0	331.6	6.8	94.0	3.1	263.0
12.0	42.4	4021.5	625.0	1.2	0.2	183.4	11.2	0.7	11.2	313.5	332.2	6.2	92.8	3.1	278.0
13.4	45.2	4345.7	600.0	-0.4	-2.7	192.1	13.3	2.8	13.0	315.7	331.4	5.3	84.5	3.3	295.0
14.5	47.9	4685.3	575.0	-2.7	-4.4	197.9	14.9	4.6	14.2	318.2	331.3	4.8	88.4	3.5	310.0
15.6	50.8	5000.9	550.0	-5.0	-6.0	201.9	13.6	5.1	14.9	320.2	331.8	4.5	92.5	4.0	324.0
17.0	53.7	5406.1	525.0	-6.4	-7.6	219.6	11.6	7.4	8.9	320.2	333.2	4.1	92.5	4.6	335.0
18.4	56.6	5796.7	500.0	-8.4	-9.6	246.5	12.1	11.1	4.0	322.2	334.3	3.7	91.3	4.8	347.0
19.7	59.6	6187.6	475.0	-11.0	-12.7	254.0	14.3	13.7	3.0	324.4	334.1	3.0	87.4	5.0	359.0
21.3	62.6	6577.3	450.0	-13.5	-14.1	251.7	15.8	18.0	6.2	326.3	328.1	0.5	17.8	5.6	14.0
22.9	66.0	7029.1	425.0	-17.8	-16.7	243.4	24.9	22.9	18.3	327.2	327.3	0.0	1.0	7.0	28.0
24.5	69.3	7482.3	400.0	-18.5	-18.3	231.4	24.3	22.9	18.3	329.7	329.8	0.0	1.0	9.6	36.0
26.3	72.6	7959.9	375.0	-21.8	-20.8	220.5	31.4	20.4	23.8	332.7	332.8	0.0	1.0	12.9	38.0
28.1	76.1	8455.8	350.0	-24.2	-23.1	220.4	31.2	20.2	23.7	334.1	336.3	0.0	1.0	16.2	39.0
29.9	79.8	9002.0	325.0	-27.8	-26.9	221.1	31.6	20.8	23.6	336.4	339.4	0.3	21.8	19.6	39.0
31.0	83.5	9572.4	300.0	-31.8	-30.1	220.5	38.7	25.1	29.4	338.4	342.1	0.4	43.3	23.7	39.0
34.1	87.6	10193.4	275.0	-35.5	-34.5	218.9	48.9	25.7	31.8	343.4	344.6	0.0	7.7	25.1	39.0
36.4	91.8	10838.7	250.0	-41.8	-40.9	221.4	43.1	28.5	33.3	345.2	349.9	99.9	99.9	34.9	39.0
38.0	96.3	11546.9	225.0	-46.8	-45.9	227.9	45.4	33.7	36.4	346.8	359.5	99.9	99.9	41.1	40.0
41.2	101.0	12318.7	200.0	-51.8	-50.9	234.7	47.7	36.6	39.0	350.4	369.9	99.9	99.9	47.9	42.0
44.3	106.2	13174.8	175.0	-54.9	-54.0	230.7	42.1	32.9	36.7	354.8	369.9	99.9	99.9	55.8	43.0
48.0	112.0	14135.0	150.0	-53.8	-52.9	232.4	42.8	33.9	36.1	360.2	369.9	99.9	99.9	64.6	44.0
51.1	118.0	15295.4	125.0	-61.9	-60.9	251.0	34.3	32.5	32.5	372.0	369.9	99.9	99.9	71.8	46.0
54.6	125.3	16604.5	100.0	-61.9	-60.9	225.0	18.2	11.5	11.5	408.2	369.9	99.9	99.9	80.4	46.0
60.2	133.7	18357.0	75.0	-63.1	-62.1	202.3	5.8	3.7	9.1	440.6	369.9	99.9	99.9	80.4	46.0
69.0	143.5	20904.3	50.0	-57.0	-56.0	129.5	9.0	-3.4	3.2	509.2	369.9	99.9	99.9	81.7	45.0
83.0	155.5	25395.7	25.0	-49.0	-48.0	99.0	7.0	-7.7	1.2	603.5	369.9	99.9	99.9	79.6	41.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553  
 OMAHA, NEBRASKA

 8 JUNE 1979  
 1105 GMT

163 11. 0

TIME MIN	CH/CT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW DEG	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT T DEG F	E POT T DEG K	MR WTD G/KG	RM PCT	RANGE KM	AZ DEG
0.0	10.1	400.0	966.9	12.3	10.7	10.0	8.2	-1.4	-0.1	288.2	309.9	8.4	99.0	0.0	0.
00.5	99.9	99.9	1000.0	96.9	99.9	99.9	99.9	99.9	99.9	99.9	409.9	99.9	99.9	999.9	999.9
0.5	99.9	99.9	975.0	96.9	99.9	99.9	99.9	99.9	99.9	99.9	409.9	99.9	99.9	999.9	999.9
0.6	11.7	546.3	950.0	12.0	10.2	12.2	14.3	-3.0	-14.0	289.4	310.9	8.3	88.4	0.3	100.
1.4	14.2	771.3	925.0	16.3	7.3	15.9	20.9	-5.6	-20.1	289.4	308.1	7.0	81.8	1.3	193.
2.4	14.6	999.8	900.0	11.6	9.9	18.0	18.4	-5.7	-17.5	293.4	316.4	8.7	89.9	2.5	195.
3.4	19.1	1238.7	875.0	12.6	10.9	33.3	14.2	-8.1	-12.4	296.8	322.1	9.4	89.0	3.6	197.
4.3	21.6	1480.8	850.0	12.5	11.7	61.3	13.6	-12.8	-8.5	299.3	328.8	10.3	64.8	4.4	203.
5.6	24.2	1732.1	825.0	12.4	11.7	86.5	14.3	-12.2	-0.9	301.7	330.4	10.6	55.7	4.9	211.
6.5	24.8	1990.8	800.0	11.7	10.7	98.2	14.9	-14.8	2.1	303.4	331.5	10.2	93.6	5.3	219.
7.3	29.4	2256.8	775.0	10.9	9.9	107.6	14.5	-13.8	4.4	305.8	333.1	10.0	94.0	5.7	225.
8.1	32.1	2530.9	750.0	10.1	9.3	121.0	12.6	-10.6	4.5	307.6	335.1	9.9	94.4	6.0	231.
9.1	34.9	2912.9	725.0	8.6	7.7	137.5	5.3	-8.3	4.9	308.5	336.7	9.2	94.2	6.1	237.
10.0	37.7	3102.9	700.0	6.6	5.4	156.8	6.1	-2.4	5.6	306.5	332.6	8.1	93.8	6.2	241.
11.0	43.4	3400.9	675.0	4.5	3.1	194.8	4.4	1.1	4.2	210.7	331.1	7.1	90.6	6.1	243.
12.2	43.3	3708.2	650.0	2.9	1.6	235.8	6.5	5.4	3.7	312.3	331.5	6.7	91.4	5.7	246.
13.4	46.2	4325.2	625.0	0.7	-0.8	268.7	7.5	7.3	2.9	313.3	330.2	5.8	89.7	5.2	248.
14.4	41.1	4352.4	600.0	-1.3	-2.8	286.4	8.4	7.7	3.4	314.6	330.1	5.2	89.5	4.7	248.
15.6	42.3	4692.1	575.0	-2.8	-2.6	219.7	7.4	6.0	4.3	317.6	333.9	5.4	92.8	4.1	248.
16.8	35.4	5045.0	550.0	-3.9	-4.9	219.0	7.4	4.7	5.8	319.6	334.2	4.9	92.8	3.7	248.
18.1	59.5	5410.6	525.0	-5.9	-7.0	217.0	8.3	5.6	7.5	321.4	336.7	4.3	91.6	3.1	253.
19.5	61.7	5792.4	500.0	-8.8	-11.1	226.3	11.1	8.0	7.7	322.2	332.6	3.3	83.2	2.4	243.
20.9	61.0	6186.0	475.0	-13.2	-21.5	228.4	13.4	10.0	8.9	321.6	326.3	1.4	49.7	1.7	283.
22.2	69.4	6557.6	450.0	-14.8	-19.5	224.3	16.7	11.6	11.9	324.6	331.0	2.0	73.4	1.6	328.
23.5	72.0	7028.4	425.0	-17.0	-20.5	220.2	15.7	12.7	18.0	327.5	333.0	1.8	75.0	2.2	5.
25.1	75.7	7481.7	400.0	-19.7	-23.6	230.9	20.4	10.2	17.7	329.4	336.2	1.4	70.7	4.0	18.
26.6	75.4	7958.6	375.0	-22.8	-26.4	204.4	20.6	8.6	19.0	331.4	335.4	1.2	71.6	5.9	21.
28.1	93.3	8421.1	350.0	-24.3	-30.5	213.3	24.8	14.1	21.5	333.2	336.4	0.9	63.4	7.9	22.
29.8	87.3	8956.8	325.0	-29.1	-33.8	226.6	34.7	25.2	23.8	336.2	339.1	0.7	63.4	10.8	26.
32.4	91.7	9562.4	300.0	-33.2	-43.1	228.4	45.0	33.7	29.8	338.6	339.7	0.3	30.1	16.9	35.
34.7	96.0	10170.4	275.0	-36.1	-48.0	224.1	50.0	37.2	33.4	342.5	343.6	0.2	27.7	23.3	30.
36.8	100.7	10928.0	250.0	-41.7	-59.9	229.6	50.4	38.4	32.6	344.1	349.8	99.9	999.9	37.2	43.
38.4	105.6	11530.2	225.0	-46.4	-64.9	233.0	49.4	39.6	29.8	346.6	349.9	99.9	999.9	44.0	45.
42.4	111.0	12300.9	200.0	-52.3	-69.9	233.3	48.0	38.5	28.7	349.5	349.9	99.9	999.9	52.8	46.
44.9	116.8	13150.9	175.0	-56.7	-69.9	232.0	43.1	33.9	26.6	356.4	349.9	99.9	999.9	59.5	47.
47.6	122.8	14121.1	150.0	-63.4	-69.9	233.9	42.8	33.6	25.2	360.2	349.9	99.9	999.9	64.9	48.
51.7	129.7	15229.4	125.0	-67.8	-69.9	230.9	28.9	27.4	9.5	372.1	349.9	99.9	999.9	74.1	50.
56.5	137.3	16541.8	100.0	-67.7	-69.9	213.3	18.7	0.8	13.1	406.7	349.9	99.9	999.9	77.5	48.
62.3	146.0	18156.4	75.0	-61.9	-69.9	185.6	8.6	0.8	8.5	443.1	349.9	99.9	999.9	78.6	47.
71.0	155.7	20911.9	50.0	-55.5	-69.9	159.4	8.3	-0.8	4.0	512.5	349.9	99.9	999.9	77.1	46.
82.8	166.0	24608.2	25.0	-49.3	-69.9	122.4	7.3	-4.2	4.0	643.1	349.9	99.9	999.9	77.1	46.

 9 9V SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 9 BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 862  
NORTH PLATTE, NEBRASKA

7 JUNE 1979  
1115 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	COMP M/SEC	V CORP M/SEC	POV T DEG K	E POT T DEG K	W R TO CM/KG	RM PCT	RANGE AZ KM	153	17. 8
0.6	15.5	647.0	905.9	15.0	11.6	360.0	2.1	0.0	-2.1	296.4	321.0	9.5	80.0	0.0		
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
0.2	16.1	902.4	900.0	13.7	12.1	599.9	99.9	99.9	99.9	295.7	321.9	9.9	89.9	99.9		
1.1	15.6	1142.6	875.0	10.2	9.2	999.9	99.9	99.9	99.9	302.7	324.4	7.9	82.8	99.9		
1.9	21.1	1391.7	850.0	10.9	3.8	999.9	99.9	99.9	99.9	308.0	322.8	5.9	36.4	99.9		
2.6	21.7	1447.1	825.0	16.9	1.2	999.9	99.9	99.9	99.9	306.4	321.0	5.1	36.7	99.9		
3.7	25.3	1968.2	800.0	14.4	0.0	999.9	99.9	99.9	99.9	306.4	320.4	4.8	37.2	99.9		
4.8	25.9	2175.3	775.0	12.1	-0.6	999.9	99.9	99.9	99.9	306.4	320.5	4.7	41.2	99.9		
5.8	31.6	2448.9	750.0	10.0	-10.0	286.5	8.6	8.3	-2.1	307.4	315.3	2.7	26.3	2.1	112.	
6.8	31.3	2730.3	725.0	5.8	-20.3	297.3	7.4	6.6	-3.4	310.3	313.4	1.0	10.0	2.6	114.	
7.9	37.0	3020.2	700.0	8.0	-16.1	294.4	9.5	5.0	-2.3	311.3	316.2	1.5	16.2	3.0	114.	
9.0	37.8	3318.4	675.0	5.3	-28.2	296.5	6.5	5.7	-3.1	311.3	313.5	0.6	7.0	3.6	114.	
10.1	42.7	3625.5	650.0	3.5	-47.8	297.9	9.5	8.4	-4.4	313.0	313.3	0.1	1.0	3.9	115.	
11.1	45.6	3942.0	625.0	0.5	-14.7	294.9	12.9	11.7	-5.4	313.8	319.2	2.0	31.4	4.5	115.	
12.2	48.6	4268.3	600.0	-2.1	-11.2	290.7	15.0	14.0	-5.3	313.6	322.0	2.7	50.2	5.5	115.	
13.3	51.5	4604.9	575.0	-5.2	-6.4	281.2	14.0	13.0	-2.7	313.9	326.2	4.1	91.0	6.5	113.	
14.4	54.6	4923.0	550.0	-7.8	-7.5	266.8	12.4	12.4	0.7	315.3	327.1	0.0	101.3	7.3	111.	
15.5	57.8	5315.7	525.0	-7.8	-7.5	266.8	12.4	12.4	0.7	315.3	327.1	0.0	101.3	7.3	111.	
17.6	61.0	5654.2	500.0	-5.7	-9.7	246.9	13.1	12.2	4.7	310.0	331.4	4.1	101.3	8.0	108.	
18.4	63.4	6080.1	475.0	-12.2	-12.2	241.0	17.5	14.0	8.1	321.3	332.7	3.7	101.0	8.9	102.	
19.7	67.8	6500.0	450.0	-15.7	-15.9	242.4	19.0	15.6	8.7	322.6	332.6	3.2	100.6	10.1	96.	
20.9	71.3	6929.5	425.0	-16.4	-10.9	232.8	20.1	17.2	10.4	325.4	337.0	2.0	98.5	11.2	92.	
22.4	75.0	7378.4	400.0	-22.1	-18.9	232.2	22.7	18.0	13.9	326.3	329.3	0.9	53.9	12.5	89.	
23.9	78.7	7848.8	375.0	-25.7	-25.9	235.0	25.4	21.0	14.3	327.6	329.2	0.5	37.8	14.0	81.	
25.7	82.7	8348.7	350.0	-28.6	-20.8	237.7	25.8	21.8	13.8	330.1	330.6	0.1	9.7	16.6	77.	
27.6	86.7	8873.6	325.0	-32.3	-26.0	232.5	24.3	19.2	14.8	332.3	332.5	0.1	7.3	21.3	74.	
29.7	91.0	9432.3	300.0	-37.0	-27.0	234.6	22.0	18.5	13.2	333.2	333.5	0.1	5.6	24.0	72.	
31.9	95.9	10028.8	275.0	-41.3	-29.9	246.5	23.9	21.9	9.5	335.4	335.4	99.9	99.9	27.1	70.	
34.4	100.3	10680.8	250.0	-46.7	-29.9	246.1	21.8	19.9	8.8	336.7	339.9	99.9	99.9	30.5	70.	
36.9	105.4	11360.2	225.0	-51.3	-29.9	241.4	23.3	19.6	10.7	339.5	339.9	99.9	99.9	33.8	70.	
40.0	110.8	12125.2	200.0	-52.9	-29.9	241.4	24.9	21.8	11.9	340.0	339.9	99.9	99.9	37.9	68.	
43.0	115.8	12980.5	175.0	-55.5	-29.9	245.1	26.1	24.3	9.3	358.2	339.9	99.9	99.9	42.5	68.	
46.6	123.3	13963.7	150.0	-56.7	-29.9	245.0	22.2	24.1	9.4	375.4	339.9	99.9	99.9	47.8	68.	
50.4	130.0	15100.6	125.0	-62.5	-29.9	235.3	16.6	15.3	10.4	381.4	339.9	99.9	99.9	52.4	68.	
53.6	135.0	16481.4	100.0	-60.8	-29.9	236.0	14.6	12.1	8.1	410.5	339.9	99.9	99.9	57.2	67.	
61.8	146.5	18271.5	75.0	-60.4	-29.9	226.2	9.4	6.1	7.2	440.4	339.9	99.9	99.9	61.5	66.	
70.4	155.5	20837.3	50.0	-55.6	-29.9	153.9	5.1	-2.2	4.6	513.6	339.9	99.9	99.9	63.2	64.	
83.7	164.3	25357.7	25.0	-47.7	-29.9	111.3	5.6	-5.2	2.0	648.0	339.9	99.9	99.9	62.0	61.	

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 942  
NORTH PLATTE, NEBRASKA

7 JUNE 1979  
1400 GMT

TIME MIN	CHTY	WCHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG K	E POT V DG K	MR STO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	19.9	847.0	908.9	16.7	12.8	320.0	5.7	3.7	-4.4	297.5	325.4	10.3	78.0	0.0	0.
00.9	99.9	99.9	1000.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
01.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
02.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
03.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
04.9	15.8	930.9	903.0	15.3	16.0	328.2	7.6	6.0	-6.5	297.2	327.2	11.3	91.8	0.3	155.
1.1	19.3	1160.7	875.0	13.1	12.2	328.5	8.6	6.8	-7.2	297.4	328.8	10.3	94.6	0.5	152.
1.9	25.8	1413.4	850.0	11.7	10.9	307.3	12.5	10.0	-7.6	298.4	324.3	9.7	94.7	1.0	147.
2.9	23.3	1663.7	825.0	12.6	6.1	227.4	6.2	6.0	5.5	301.2	321.1	7.2	66.8	1.8	134.
3.7	25.8	1922.2	800.0	12.0	5.6	198.4	3.4	1.1	3.3	304.0	324.0	7.2	65.0	1.5	135.
4.6	24.4	2187.7	775.0	10.5	3.2	239.0	1.7	1.7	0.3	305.1	322.7	4.2	60.5	1.7	132.
5.5	31.1	2460.3	750.0	9.4	-3.7	173.0	3.2	-0.4	3.2	307.0	318.3	3.9	39.0	1.7	131.
6.4	31.4	2741.0	725.0	8.0	-5.9	133.0	5.3	-0.4	4.7	308.2	318.4	3.4	36.7	1.3	129.
7.3	30.6	3028.7	700.0	6.2	-10.4	213.8	6.3	3.5	5.3	309.4	316.9	2.5	29.1	1.3	119.
8.3	39.3	3326.7	675.0	4.4	-18.8	232.4	6.6	5.2	4.0	310.6	314.7	1.3	16.6	1.5	102.
9.2	42.1	3633.0	650.0	3.8	-15.7	280.2	6.8	6.7	-1.2	312.4	317.8	1.7	23.7	1.7	95.
10.3	45.0	3949.1	625.0	0.5	-12.8	290.2	13.6	12.7	-4.7	313.6	320.1	2.3	36.2	2.3	101.
11.5	49.0	4275.8	600.0	-1.0	9.0	274.7	16.9	16.8	-1.4	315.0	324.9	3.2	54.3	3.4	101.
12.5	57.9	4618.8	575.0	-2.4	-15.1	274.3	18.9	18.8	-1.4	317.2	323.7	2.1	36.8	4.5	99.
13.5	54.0	4948.6	550.0	-4.2	-23.1	272.9	20.5	20.5	-1.0	319.1	322.6	1.1	21.3	5.7	98.
14.7	57.1	5330.9	525.0	-7.6	-21.5	269.8	21.0	21.0	0.4	320.4	323.6	1.3	31.7	7.3	97.
15.1	63.4	5706.7	500.0	-10.4	-16.5	263.0	21.7	21.6	2.6	320.4	327.2	2.1	61.0	9.0	95.
15.4	63.6	6101.8	475.0	-13.0	-14.7	254.4	20.7	18.9	5.5	321.5	330.0	2.6	86.9	10.6	92.
16.9	67.0	6512.7	450.0	-15.0	-16.5	246.9	20.2	18.6	7.9	324.4	332.0	2.3	82.4	12.3	90.
20.2	70.6	6943.3	425.0	-17.9	-14.9	240.2	12.7	10.2	9.3	326.1	332.7	2.0	91.9	13.7	86.
21.5	74.1	7394.0	400.0	-21.5	-20.9	232.9	22.6	18.0	13.6	327.8	339.8	0.9	47.1	15.2	83.
23.3	78.0	7867.9	375.0	-27.5	-49.9	233.3	27.9	22.3	16.7	330.2	330.5	0.1	6.7	17.4	79.
24.9	81.8	8368.9	350.0	-27.3	-44.0	237.8	26.5	23.4	14.2	331.8	332.2	0.1	5.9	19.9	76.
26.8	86.0	8852.9	325.0	-31.7	-56.7	250.4	26.4	23.0	13.1	333.8	333.3	0.1	6.3	22.7	74.
29.7	92.2	9458.8	300.0	-36.6	-59.4	238.7	28.2	22.4	13.6	334.7	334.8	0.0	6.7	25.6	72.
33.4	94.7	10055.4	275.0	-41.7	-59.9	236.9	24.5	20.5	13.3	334.7	334.7	99.9	899.9	28.5	71.
33.0	99.4	10694.8	250.0	-46.5	-59.9	236.8	24.0	20.0	13.1	337.6	339.9	99.9	899.9	31.7	69.
35.5	104.4	11390.8	225.0	-47.1	-90.9	234.3	26.7	21.7	15.6	346.4	349.9	99.9	899.9	35.6	68.
38.1	109.8	12168.6	200.0	-49.6	-99.9	234.2	27.0	21.9	15.8	354.2	359.9	99.9	899.9	39.6	66.
41.9	115.8	13332.5	175.0	-53.9	-59.9	241.4	26.5	23.3	12.7	361.0	369.9	99.9	899.9	44.3	65.
44.4	122.0	14013.4	150.0	-57.7	-99.9	245.6	24.6	22.2	10.1	370.0	370.0	99.9	899.9	49.3	65.
45.1	129.0	15133.6	125.0	-58.9	-59.4	229.3	16.2	12.3	10.6	368.3	369.9	99.9	899.9	54.0	65.
47.5	136.8	16530.6	100.0	-61.9	-99.9	234.7	17.6	10.4	10.2	408.2	399.9	99.9	899.9	58.6	64.
50.6	145.3	18339.7	75.0	-60.1	-59.9	234.5	10.5	6.9	8.4	447.0	399.9	99.9	899.9	63.6	63.
56.3	154.5	20912.1	50.0	-54.2	-59.9	164.2	6.2	-1.7	5.9	515.4	399.9	99.9	899.9	65.3	61.
78.4	163.7	25460.4	25.0	-45.6	-99.9	999.9	99.9	90.9	99.9	654.6	399.9	99.9	899.9	64.5	59.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 962  
 NORTH PLATTE, NEBRASKA

 7 JUNE 1979  
 1720 GMT

TIME MIN	CNTCY	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG K	E POT 1 DEG K	WX RTO CM/KG	RM PCT	RANGE AZ KM	155 10. 0
0.0	14.3	837.0	912.0	20.0	10.7	350.0	7.2	1.3	-7.1	301.6	325.2	8.9	55.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.2	15.4	960.0	900.0	17.7	10.2	354.5	6.3	0.6	-0.2	299.8	323.4	8.7	61.2	0.4	172.
0.9	17.9	1200.8	875.0	16.7	8.9	353.8	7.0	0.7	-0.9	299.0	321.4	8.3	68.5	0.5	173.
1.0	20.3	1455.3	850.0	12.2	8.4	353.5	7.2	0.8	-7.2	299.6	321.1	8.2	77.2	0.8	173.
2.6	22.0	1655.1	825.0	10.0	7.9	353.2	6.7	0.8	-7.7	299.2	321.3	8.2	86.9	1.2	173.
3.6	25.3	1930.5	800.0	7.6	7.0	344.6	7.9	2.1	-7.6	299.3	320.0	7.9	96.3	1.7	173.
4.5	27.9	2212.1	775.0	7.1	-2.9	328.6	7.1	3.7	-7.0	301.2	313.2	4.1	50.7	2.1	170.
5.5	30.4	2481.9	750.0	7.0	-22.2	314.9	6.4	4.5	-6.5	304.2	308.3	1.4	16.3	2.4	165.
6.5	33.1	2700.3	725.0	7.0	-32.1	289.2	6.3	5.0	-1.7	307.1	308.3	0.4	4.2	2.7	160.
7.6	35.8	3037.5	700.0	5.0	-19.5	252.7	5.7	5.5	1.7	308.1	311.6	1.2	15.0	2.8	156.
8.7	38.4	3333.3	675.0	4.1	-23.7	238.2	5.6	4.7	2.9	310.2	313.2	0.9	12.4	2.9	146.
9.9	41.2	3699.2	650.0	2.4	-43.5	243.6	4.2	3.8	1.9	311.7	312.2	0.1	1.7	2.9	140.
11.0	44.1	3964.2	625.0	-0.3	-36.2	254.0	7.0	6.7	1.9	312.1	313.2	0.3	5.0	3.0	134.
12.2	47.0	4299.5	600.0	-1.9	-25.9	251.5	11.3	10.7	3.6	313.9	316.5	0.8	13.9	3.4	124.
13.5	50.0	4626.8	575.0	-3.9	-24.9	252.1	15.9	13.2	4.3	315.4	318.3	0.9	17.6	4.1	112.
14.6	52.9	4976.2	550.0	-6.5	-15.0	254.0	15.3	14.7	4.2	316.4	323.3	2.2	21.9	4.9	105.
16.0	56.0	5338.0	525.0	-9.3	-11.4	249.6	17.9	16.7	4.4	317.3	326.3	3.0	24.1	6.1	95.
17.5	59.1	5715.0	500.0	-10.8	-17.8	245.5	19.5	17.2	9.8	320.2	325.7	1.3	47.6	9.2	84.
19.0	62.4	6108.0	475.0	-13.5	-22.3	240.4	19.8	17.2	9.8	321.3	325.7	1.3	47.6	9.2	84.
20.5	65.7	6517.0	450.0	-16.4	-26.5	243.0	21.2	18.9	9.6	322.2	325.6	1.0	42.0	10.0	82.
22.0	69.1	6933.7	425.0	-20.1	-22.8	249.1	22.0	21.3	8.1	323.2	327.5	1.4	79.2	12.8	80.
23.5	72.7	7390.8	400.0	-22.2	-31.1	245.6	24.9	22.7	16.4	326.2	328.7	0.7	46.1	14.8	78.
25.1	76.3	7844.2	375.0	-24.2	-46.6	236.6	26.2	24.7	18.3	329.4	330.2	0.1	10.5	17.5	76.
27.1	80.1	8303.1	350.0	-26.3	-49.5	230.1	26.7	22.0	18.4	330.6	331.1	0.1	10.9	20.7	72.
29.0	84.0	8765.5	325.0	-32.0	-53.0	233.7	27.2	22.0	18.1	331.2	331.5	0.1	11.3	23.7	69.
31.0	88.2	9237.6	300.0	-37.9	-55.1	235.7	27.1	22.4	15.2	332.5	332.0	0.1	13.9	26.9	67.
33.1	92.5	10031.8	275.0	-43.3	-59.9	237.1	28.0	23.5	15.2	334.0	334.0	99.9	99.9	30.3	64.
35.7	97.2	10882.4	250.0	-43.4	99.9	236.2	28.6	23.0	15.0	331.6	334.0	99.9	99.9	30.3	64.
38.6	102.0	11368.3	225.0	-45.1	99.9	227.9	30.5	22.6	20.4	349.4	339.9	99.9	99.9	30.3	63.
41.1	107.2	12164.9	200.0	-51.8	99.9	230.8	32.3	25.0	20.4	351.3	339.9	99.9	99.9	40.1	62.
44.1	112.8	13027.6	175.0	-52.1	99.9	234.1	32.9	24.0	16.1	362.2	339.9	99.9	99.9	40.7	61.
47.4	118.0	14008.6	150.0	-57.0	99.9	240.4	25.3	22.0	15.9	370.8	339.9	99.9	99.9	54.9	61.
51.5	125.5	15155.6	125.0	-66.9	99.9	219.5	19.1	12.2	14.7	394.7	339.9	99.9	99.9	60.3	60.
56.3	133.0	16540.4	100.0	-77.9	99.9	223.3	16.4	11.2	11.9	415.8	339.9	99.9	99.9	64.6	59.
62.4	141.7	18362.9	75.0	-86.4	99.9	210.3	10.8	5.4	9.3	450.6	339.9	99.9	99.9	68.4	58.
70.4	151.3	20119.5	50.0	-93.1	99.9	168.8	7.1	-1.4	7.1	450.6	339.9	99.9	99.9	72.4	56.
83.0	161.7	25478.3	25.0	-145.0	99.9	140.9	5.0	-3.7	4.5	450.6	339.9	99.9	99.9	72.4	52.

 0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 542  
 NORTH PLATTE, NEBRASKA

 7 JUNE 1979  
 2006 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT P DEG K	E POT Y DEG K	MX RTO CM/KC	RM PCY	156 RM	8. 0 AZ DEG
0.0	19.7	847.8	913.6	20.8	9.0	360.0	5.7	0.0	-5.7	306.2	322.3	7.9	49.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.4	19.9	975.5	900.0	12.3	8.3	357.6	6.9	0.4	-6.9	299.3	320.3	7.7	55.7	0.3	191.0
1.1	18.4	1215.0	875.0	14.5	6.7	347.7	7.0	1.5	-7.0	298.5	318.3	7.1	59.4	0.6	182.0
2.1	20.8	1459.4	850.0	12.4	6.0	347.1	7.3	1.8	-7.1	299.2	318.2	6.9	64.8	1.0	175.0
2.9	23.3	1709.2	825.0	10.3	5.7	344.9	6.1	2.1	-7.8	299.5	318.7	7.0	73.1	1.3	173.0
4.0	25.9	1964.5	800.0	7.7	5.4	343.6	7.6	2.1	-7.3	299.4	318.7	7.1	82.1	1.6	170.0
5.0	28.4	2226.0	775.0	5.9	0.6	346.9	7.6	1.7	-7.4	300.2	318.9	5.3	69.8	2.3	169.0
6.0	31.0	2454.4	750.0	4.1	-16.0	331.4	6.6	3.2	-5.6	303.2	319.6	1.5	16.7	2.7	169.0
7.1	33.7	2772.3	725.0	2.3	-28.7	301.7	5.7	6.9	-3.0	306.4	308.7	0.7	8.6	3.0	165.0
8.1	40.3	3059.4	700.0	0.5	-15.7	286.8	7.6	7.3	-2.2	308.4	313.6	1.6	20.1	3.3	159.0
9.2	49.1	3355.0	675.0	2.6	-12.6	284.9	7.9	7.7	-2.0	308.6	315.2	2.2	31.6	3.7	152.0
10.3	41.8	3656.4	650.0	0.9	-16.2	277.8	6.3	6.2	-0.8	310.1	315.3	1.7	26.7	4.0	147.0
11.2	44.7	3973.5	625.0	-1.3	-23.1	250.1	5.1	4.8	1.7	311.0	315.0	0.9	17.1	4.1	144.0
12.2	47.5	4287.4	600.0	-3.6	-21.2	223.3	6.7	6.6	1.9	312.0	315.6	1.2	24.5	4.1	139.0
13.4	47.5	4631.7	575.0	-6.5	-18.3	217.7	9.7	5.9	15.5	316.2	328.0	3.7	85.4	4.1	113.0
15.2	51.5	4983.1	550.0	-6.2	-8.3	206.9	17.4	7.9	20.4	319.2	330.6	3.7	90.8	4.4	94.0
16.3	56.6	5343.9	525.0	-7.7	-8.9	206.9	22.9	10.3	22.7	320.0	329.5	3.0	85.3	5.3	78.0
17.4	59.8	5721.9	500.0	-10.7	-12.1	211.6	26.7	18.0	23.0	321.5	330.8	2.8	94.5	6.8	67.0
18.5	61.0	6115.1	475.0	-13.0	-17.5	224.4	28.5	18.9	20.1	323.6	330.8	2.2	84.9	9.3	59.0
20.2	66.4	6575.8	450.0	-15.5	-17.5	224.4	28.1	18.6	15.4	325.4	331.4	1.6	85.9	11.7	57.0
21.6	65.9	6955.4	425.0	-18.4	-20.1	233.0	25.6	23.4	15.1	326.8	331.9	1.5	91.0	14.0	57.0
23.7	73.4	7403.5	400.0	-21.7	-22.8	234.0	25.6	26.8	13.3	328.5	332.5	1.2	85.2	16.4	50.0
24.8	77.0	7877.9	375.0	-25.0	-26.3	236.4	24.0	26.0	11.3	330.1	331.2	0.3	31.2	19.1	57.0
26.6	82.9	8376.4	350.0	-28.7	-30.6	244.4	26.1	23.5	12.6	331.6	332.6	0.2	24.0	21.8	55.0
28.3	84.8	8807.8	325.0	-32.5	-36.2	242.9	27.8	23.9	14.2	332.5	333.1	0.1	26.5	25.3	54.0
30.3	94.0	9461.1	300.0	-37.5	-40.6	241.1	32.5	27.4	17.5	337.1	339.9	99.9	99.9	29.3	53.0
32.5	93.5	10056.3	275.0	-40.1	-47.9	237.4	32.5	26.4	19.9	343.0	349.9	99.9	99.9	31.5	53.0
34.7	98.2	10705.0	250.0	-42.5	-53.9	233.0	33.0	26.4	20.6	347.3	359.9	99.9	99.9	38.1	57.0
37.0	103.0	11409.8	225.0	-46.5	-59.9	232.0	33.5	26.4	20.5	353.2	369.9	99.9	99.9	44.2	57.0
39.9	108.4	12186.1	200.0	-50.2	-66.9	236.0	35.8	26.4	15.0	363.0	379.9	99.9	99.9	49.7	57.0
42.9	114.3	13051.1	175.0	-52.7	-69.9	237.4	27.6	23.5	12.7	371.1	399.9	99.9	99.9	55.4	57.0
46.3	120.4	14035.4	150.0	-57.5	-69.9	240.6	25.9	22.6	12.7	384.1	409.9	99.9	99.9	60.7	57.0
50.3	127.5	15178.6	125.0	-61.2	-69.9	232.4	26.9	18.5	12.0	411.3	429.9	99.9	99.9	65.9	50.0
55.1	135.3	16556.5	100.0	-60.3	-69.9	222.3	17.3	11.6	8.0	449.2	469.9	99.9	99.9	71.3	55.0
61.0	144.0	18160.8	75.0	-55.0	-69.9	220.7	10.5	9.4	6.5	517.7	499.9	99.9	99.9	73.9	54.0
69.1	153.5	20332.6	50.0	-53.4	-69.9	185.3	6.2	0.6	3.1	651.0	509.9	99.9	99.9	75.3	51.0
81.2	163.0	25467.0	25.0	-46.5	-69.9	127.5	5.1	-4.1	3.1						

 \* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 542  
 NORTH PLATTE, NEBRASKA

 7 JUNE 1979  
 2309 GMT

TIME MIN	CHTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	QTN G	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG F	E POT T DEG F	WZ RTO GR/KG	RM PCT	RANGE KM	AZ DEG
0.0	13.5	947.0	919.0	17.2	7.3	30.0	7.7	-3.8	-6.7	297.5	317.1	7.0	52.8	0.0	0.
99.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.0	99.9	99.9	975.0	95.8	97.9	99.9	95.8	99.9	99.9	99.9	99.9	95.8	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	14.8	978.6	902.0	15.4	7.3	99.9	99.9	99.9	99.9	297.4	316.8	7.1	58.4	99.9	99.9
0.9	17.1	1216.6	872.0	13.4	6.1	99.9	99.9	99.9	99.9	297.7	316.2	6.8	61.4	99.9	99.9
1.5	19.4	1460.0	850.0	11.0	5.5	99.9	99.9	99.9	99.9	297.7	315.9	6.7	60.8	99.9	99.9
2.1	21.6	1709.5	825.0	8.7	5.5	99.9	99.9	99.9	99.9	297.2	316.6	6.9	60.3	99.9	99.9
2.8	24.1	1922.7	805.0	6.6	4.7	99.9	99.9	99.9	99.9	298.2	316.6	6.7	60.2	99.9	99.9
3.7	26.5	2123.7	775.0	4.5	-0.8	99.9	99.9	99.9	99.9	300.2	314.1	4.7	60.2	99.9	99.9
4.7	29.0	2493.0	750.0	4.2	-3.9	99.9	99.9	99.9	99.9	303.2	314.7	3.8	47.1	2.3	181.
5.7	31.5	2771.1	725.0	6.2	-0.7	311.2	7.4	5.6	-4.9	306.2	320.8	5.0	61.0	2.7	175.
6.6	34.0	3054.1	700.0	4.6	-3.0	290.3	3.4	3.2	-1.2	307.6	320.4	4.4	57.6	2.9	170.
7.5	36.6	3354.0	675.0	3.3	-10.3	208.1	4.2	1.8	3.8	309.2	317.3	2.6	37.1	2.9	168.
8.5	39.2	3659.6	650.0	2.5	-19.2	198.4	10.3	2.6	9.9	311.5	316.5	1.5	21.2	2.5	165.
9.5	41.9	3975.6	625.0	0.3	-4.0	198.8	14.9	4.8	14.1	312.4	326.3	4.6	73.0	1.9	150.
10.9	44.7	4302.7	600.0	-0.6	-2.4	210.3	17.3	8.7	14.9	315.4	331.3	5.4	87.6	1.5	106.
12.0	47.4	4642.6	575.0	-2.5	-3.6	219.4	20.2	12.8	15.6	317.5	332.2	5.0	91.1	2.2	76.
12.9	50.3	4984.0	550.0	-5.8	-5.0	222.5	21.9	14.8	16.2	318.2	332.7	4.8	100.7	3.2	64.
14.0	53.1	5359.0	525.0	-7.1	-4.4	229.1	23.3	16.5	16.4	319.5	331.9	3.9	90.9	4.7	57.
15.2	56.1	5737.5	500.0	-5.8	-17.3	229.4	23.5	17.9	15.3	321.1	327.5	2.0	54.2	6.4	55.
16.5	59.3	6132.5	475.0	-11.5	-14.3	229.4	23.5	17.5	15.6	323.2	331.0	2.3	67.4	8.1	54.
17.7	62.4	6565.2	450.0	-14.1	-14.4	229.5	25.1	17.9	17.6	325.2	332.0	2.0	69.9	10.0	52.
19.1	65.6	6977.1	425.0	-16.9	-27.8	230.1	26.4	20.2	16.9	327.2	332.1	1.4	60.3	12.1	51.
20.6	69.0	7429.8	400.0	-19.3	-28.9	230.9	26.9	23.3	13.5	329.5	333.0	0.9	42.3	14.4	52.
22.2	72.4	7906.3	375.0	-23.1	-36.6	245.4	29.5	27.4	11.9	331.1	332.7	0.4	27.6	17.1	54.
23.9	76.1	8406.7	350.0	-26.4	-36.0	245.0	29.5	26.0	13.8	333.1	335.4	0.5	39.7	19.9	55.
25.6	79.8	8939.4	325.0	-31.3	-36.6	238.6	32.4	27.6	16.9	333.2	335.4	0.5	59.2	22.8	56.
27.4	83.6	9503.1	300.0	-34.7	-40.9	238.6	33.0	27.6	18.2	334.5	337.8	0.3	52.6	26.8	56.
29.3	87.4	10108.0	275.0	-38.7	-48.6	238.8	33.8	27.6	19.5	339.2	339.6	0.2	34.1	30.6	56.
31.6	92.3	10758.3	250.0	-40.9	59.9	234.6	36.7	29.9	21.2	345.1	399.8	99.9	99.9	35.4	56.
34.1	97.0	11471.2	225.0	-42.1	99.9	233.6	39.3	32.5	22.2	354.6	399.9	99.9	99.9	41.0	56.
36.7	102.0	12263.4	200.0	-45.1	99.9	230.3	39.0	33.2	20.4	361.4	399.9	99.9	99.9	47.2	56.
39.6	107.4	13165.2	175.0	-50.2	99.9	241.4	35.7	31.3	17.1	367.0	399.9	99.9	99.9	53.8	57.
42.7	113.3	14138.2	150.0	-56.2	99.9	233.1	34.8	28.5	19.9	373.6	399.9	99.9	99.9	62.2	57.
46.3	119.8	15289.0	125.0	-60.1	99.9	242.0	28.4	22.1	12.1	386.1	399.9	99.9	99.9	66.7	57.
50.4	127.0	16668.9	100.0	-64.5	99.9	233.4	28.3	21.6	18.1	403.1	399.9	99.9	99.9	73.5	57.
55.4	135.0	18448.3	75.0	-60.4	99.9	233.1	19.5	16.5	11.1	445.3	399.9	99.9	99.9	81.0	56.
61.4	143.3	20986.3	50.0	-59.0	99.9	225.1	20.1	14.2	14.2	504.9	399.9	99.9	99.9	87.0	56.
69.2	152.0	25162.2	25.0	-55.7	99.9	228.8	29.4	22.1	19.4	624.4	399.9	99.9	99.9	95.7	55.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 362  
 NORTH PLATTE, NEBRASKA

 8 JUNE 1979  
 200 GMT

TIME MIN	CNCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT Z DEG M	E POT Y DEG M	MR STD G/SEC	RM PCT	RANGE KM	AZ DEG
0.0	13.9	847.0	918.7	14.4	5.5	30.0	3.6	-1.8	-3.1	296.8	211.3	6.2	55.0	0.0	0.
99.9	99.9	99.9	1000.0	55.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
3.5	13.7	1020.5	900.0	12.5	5.9	99.9	55.9	99.9	99.9	294.4	311.9	6.5	67.8	599.9	999.9
1.7	13.1	1156.7	875.0	10.4	5.7	99.9	59.9	99.9	99.9	294.6	312.4	6.6	72.5	999.9	999.9
2.1	23.5	1167.1	850.0	8.2	5.4	99.9	59.9	99.9	99.9	294.7	312.6	6.6	82.6	999.9	999.9
2.0	23.0	1173.1	825.0	6.2	3.2	9.4	10.0	-1.6	-9.9	295.1	311.1	5.9	81.5	1.4	150.
3.4	25.6	1194.9	800.0	4.5	1.8	5.0	12.5	-2.0	-12.4	296.0	311.0	5.5	82.5	2.1	150.
4.6	24.1	1253.9	775.0	5.1	-3.6	4.0	10.6	-0.7	-10.5	299.2	309.8	3.7	52.4	2.7	189.
4.4	33.7	1251.0	750.0	7.2	-4.6	1.9	7.8	-0.3	-7.8	300.0	310.4	3.6	56.5	3.1	188.
6.2	33.3	1255.4	725.0	1.7	-0.6	2.0	4.9	-0.2	-4.9	301.2	315.6	5.1	64.9	3.4	187.
7.2	36.0	1307.8	700.0	1.0	0.1	60.1	3.1	-2.7	-1.5	303.6	319.2	5.5	94.2	3.6	196.
9.2	34.9	1317.0	675.0	0.4	-0.7	127.8	5.0	-4.0	-3.1	306.1	321.5	5.4	92.4	3.6	191.
9.2	41.6	13673.4	650.0	-1.2	-7.1	159.7	10.1	-3.5	9.5	307.7	318.2	3.6	65.8	3.3	196.
13.2	44.4	1514.1	625.0	-1.2	-1.2	115.8	16.6	1.7	16.9	311.1	327.5	5.6	103.2	2.6	203.
11.2	47.1	4113.2	600.0	-0.8	-3.8	94.9	95.9	99.9	99.9	315.2	332.9	6.0	103.2	1.5	209.
12.4	50.1	4652.5	575.0	-2.7	-2.7	599.9	99.9	99.9	99.9	318.5	333.3	5.5	103.0	599.9	599.9
13.4	51.3	5334.6	550.0	-4.7	-4.7	599.9	99.9	99.9	99.9	319.5	333.3	4.9	102.7	599.9	599.9
14.4	54.4	5169.6	525.0	-7.3	-7.3	599.9	95.9	99.9	99.9	319.7	332.6	4.2	102.3	599.9	599.9
15.2	59.5	5748.5	500.0	-5.8	-9.8	599.9	55.9	99.9	99.9	321.1	332.4	3.6	102.0	599.9	599.9
17.2	62.8	6142.8	475.0	-12.6	-13.7	222.8	26.3	17.9	19.3	322.4	331.3	2.8	91.4	6.8	41.
14.5	66.1	6153.9	450.0	-15.5	-16.6	228.9	28.6	18.7	18.8	323.4	331.1	2.3	89.8	9.0	41.
20.1	68.6	6183.2	425.0	-18.7	-19.7	220.1	27.1	20.5	17.7	325.6	331.1	1.9	51.7	11.5	43.
21.5	71.0	7412.4	400.0	-22.3	-26.3	234.1	26.2	23.6	17.2	326.6	329.8	1.1	69.8	13.8	44.
23.2	76.7	7903.0	375.0	-26.3	-35.1	232.1	25.7	23.5	18.2	326.6	328.7	0.5	42.9	16.8	46.
24.7	81.6	8197.7	350.0	-30.6	-44.6	231.5	24.2	22.6	19.1	327.5	328.2	0.2	23.7	19.5	47.
26.5	84.6	8920.4	325.0	-34.4	-51.0	231.6	24.6	26.2	19.3	329.2	329.7	0.1	16.6	22.7	47.
28.5	87.5	9876.7	300.0	-37.4	-55.5	233.3	34.1	27.4	20.4	332.7	332.9	0.1	13.0	26.7	49.
33.7	93.2	10373.8	275.0	-40.2	-59.9	232.5	36.6	28.0	20.0	337.6	339.9	59.9	999.9	31.4	49.
33.1	97.8	10720.1	250.0	-43.4	-63.9	232.1	34.2	27.0	21.0	341.6	339.9	59.9	999.9	36.5	49.
35.7	132.8	11422.4	225.0	-48.3	-69.9	234.1	35.2	26.5	20.6	344.2	339.9	59.9	999.9	41.8	50.
38.7	149.0	12153.4	200.0	-50.9	-69.9	237.7	37.1	31.4	19.8	348.2	339.9	59.9	999.9	48.1	50.
41.7	113.8	13565.5	175.0	-53.7	-69.9	235.1	27.2	22.3	19.5	361.2	339.9	59.9	999.9	54.5	51.
45.0	123.0	14040.0	150.0	-57.6	-69.9	236.9	28.1	18.5	18.0	370.5	339.9	59.9	999.9	58.8	51.
49.3	127.0	15170.8	125.0	-63.9	-69.9	233.5	26.7	16.7	16.3	379.4	339.9	59.9	999.9	63.4	52.
53.7	135.0	16549.0	100.0	-60.9	-69.9	210.1	16.6	8.3	14.4	410.1	339.9	59.9	999.9	69.4	51.
59.8	143.0	18340.2	75.0	-61.6	-69.9	157.8	9.0	2.8	8.6	443.7	339.9	59.9	999.9	72.7	51.
67.5	151.7	20589.5	50.0	-67.2	-69.9	182.8	6.9	0.3	6.9	508.6	339.9	59.9	999.9	75.4	50.
83.7	161.7	25372.7	25.0	-60.5	-69.9	124.6	6.2	-5.1	3.5	639.6	339.9	59.9	999.9	75.9	47.

 0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

 ORIGINAL PAGE IS  
 OF POOR QUALITY

STATION NO. 822  
NORTH PLATTE, NEBRASKA  
8 JUNE 1979  
503 GMT

TIME MIN	CHCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG M	E POT 1 DEG M	NR RTO CM/SEC	RM PCT	RANGE KM	AZ DEG
0-0	13-0	807-0	919-4	12-7	6-1	10-0	5-1	-0-9	-7-0	292-0	310-0	6-4	40-0	0-0	0-0
00-0	00-0	99-9	1000-0	94-0	90-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	999-9
00-0	00-0	99-9	975-0	98-0	90-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	999-9
00-0	00-0	99-9	950-0	99-9	90-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	999-9
00-0	00-0	99-9	925-0	99-9	90-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	999-9
00-0	00-0	99-9	900-0	10-0	7-2	10-0	11-4	-1-3	-10-0	292-2	311-4	7-1	79-4	0-4	19-3
00-0	00-0	99-9	875-0	9-1	4-7	10-2	13-1	-3-7	-12-0	293-2	309-0	6-1	73-7	0-0	19-5
00-0	00-0	99-9	850-0	6-3	3-0	15-5	12-5	-3-3	-12-0	294-5	310-9	5-9	73-0	1-0	19-5
00-0	00-0	99-9	825-0	7-2	2-7	16-7	10-9	-3-1	-10-5	296-2	311-7	5-7	73-0	2-3	19-5
00-0	00-0	99-9	800-0	7-1	2-6	16-8	10-1	-2-1	-7-0	298-7	314-7	5-0	72-8	2-0	19-5
00-0	00-0	99-9	775-0	5-7	2-0	33-0	7-3	0-9	-7-2	300-0	316-6	5-0	80-3	3-1	19-5
00-0	00-0	99-9	750-0	3-2	2-0	32-0	8-7	4-5	-7-5	300-1	316-6	5-9	91-8	3-5	19-5
00-0	00-0	99-9	725-0	1-5	0-9	32-8	8-2	4-9	-6-6	301-1	316-6	5-6	55-7	3-0	19-5
00-0	00-0	99-9	700-0	0-4	-1-0	32-7	4-4	2-9	-3-7	302-0	316-9	5-1	56-0	4-1	19-5
00-0	00-0	99-9	675-0	-1-9	-2-4	23-2	1-4	1-3	0-6	303-0	317-1	4-7	55-8	4-2	18-1
00-0	00-0	99-9	650-0	-4-1	-3-7	17-6	5-2	-0-8	5-2	304-2	316-3	4-2	95-5	4-1	18-1
00-0	00-0	99-9	625-0	-2-2	-3-0	19-1	12-1	2-3	11-9	308-0	322-3	4-6	65-0	3-0	18-1
00-0	00-0	99-9	600-0	-1-3	-1-8	20-1	18-0	7-9	16-0	314-7	321-2	5-6	95-9	2-0	17-3
00-0	00-0	99-9	575-0	-2-9	-3-5	21-7	19-0	10-7	16-6	316-4	322-0	5-2	95-7	1-0	14-0
00-0	00-0	99-9	550-0	-5-0	-5-7	22-6	22-4	14-6	17-0	318-1	322-0	4-6	95-4	2-0	9-0
00-0	00-0	99-9	525-0	-7-2	-7-9	22-2	26-0	18-8	18-0	319-0	322-1	4-0	94-7	3-4	6-0
00-0	00-0	99-9	500-0	-6-0	-9-6	22-1	27-3	20-0	18-0	322-2	323-8	3-7	94-0	5-2	0-1
00-0	00-0	99-9	475-0	-11-5	-12-4	22-2	28-0	20-4	20-3	323-7	323-6	3-1	93-3	7-2	5-0
00-0	00-0	99-9	450-0	-15-0	-17-0	22-6	30-7	22-3	21-1	323-7	320-9	2-2	80-0	9-9	5-0
00-0	00-0	99-9	425-0	-15-7	-20-4	23-6	30-6	23-0	19-4	323-6	327-3	1-0	55-0	12-7	5-0
00-0	00-0	99-9	400-0	-22-0	-29-3	23-2	31-3	23-0	21-3	325-0	327-6	0-6	37-0	15-9	5-0
00-0	00-0	99-9	375-0	-26-0	-33-3	22-2	30-9	21-7	22-0	326-0	327-0	0-1	9-4	19-5	5-0
00-0	00-0	99-9	350-0	-25-7	-33-3	22-0	31-2	20-4	23-7	326-7	330-1	0-6	42-0	23-1	5-0
00-0	00-0	99-9	325-0	-32-4	-37-2	21-2	28-6	15-6	23-9	332-0	333-9	0-3	61-2	26-1	4-0
00-0	00-0	99-9	300-0	-37-3	-42-9	21-5	30-7	17-5	25-2	332-0	333-9	0-3	50-7	29-4	4-0
00-0	00-0	99-9	275-0	-40-9	-47-9	21-5	30-0	23-4	28-4	336-0	339-9	0-3	55-9	32-9	4-0
00-0	00-0	99-9	250-0	-44-0	-50-0	22-3	40-5	27-0	29-5	339-7	340-7	0-3	99-9	30-0	4-0
00-0	00-0	99-9	225-0	-50-5	-56-0	22-4	39-5	24-1	27-7	341-1	341-1	0-3	99-9	30-0	4-0
00-0	00-0	99-9	200-0	-51-7	-59-9	23-6	40-0	33-6	23-1	351-0	349-9	0-3	99-9	30-0	4-0
00-0	00-0	99-9	175-0	-52-1	-59-9	24-0	40-0	28-4	15-2	364-0	349-9	0-3	99-9	30-0	4-0
00-0	00-0	99-9	150-0	-52-0	-59-9	23-0	29-0	17-7	17-6	368-7	349-9	0-3	99-9	30-0	4-0
00-0	00-0	99-9	125-0	-52-1	-59-9	21-8	21-6	11-4	18-4	380-2	349-9	0-3	99-9	30-0	4-0
00-0	00-0	99-9	100-0	-53-9	-59-9	20-9	18-0	6-0	13-4	404-0	349-9	0-3	99-9	30-0	4-0
00-0	00-0	99-9	75-0	-61-2	-62-9	21-3	16-3	4-0	13-4	444-0	349-9	0-3	99-9	30-0	4-0
00-0	00-0	99-9	50-0	-54-0	-60-9	17-6	9-4	-1-1	13-4	510-2	349-9	0-3	99-9	30-0	4-0
00-0	00-0	99-9	25-0	-45-0	-60-9	11-5	3-6	-3-3	1-5	641-4	349-9	0-3	99-9	30-0	4-0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 842  
 NORTH PLATTE, NEBRASKA

 8 JUNE 1979  
 002 GMT

TIME MIN	CNTCT	WTS(M)	PRES MB	PA DC C	QFS PT DC C	QIR DC	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DC M	E POT T DC K	NR ATC CM/KS	RM PCT	RANGE NM	AZ DG
0.0	13.8	947.0	920.4	11.1	7.2	368.0	2.1	0.0	-2.1	291.1	309.8	7.0	77.0	0.0	0.
99.9	99.9	1000.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	13.6	1033.3	900.0	0.6	7.6	999.9	99.9	99.9	99.9	290.4	309.6	7.3	53.6	0.1	176.
1.4	19.0	1265.9	875.0	7.0	6.2	999.9	99.9	99.9	99.9	291.0	309.0	6.8	94.7	99.9	99.9
2.4	20.6	1503.9	650.0	5.2	4.1	999.9	99.9	99.9	99.9	291.6	307.8	6.1	92.9	99.9	99.9
3.4	22.6	1747.6	625.0	4.9	4.1	999.9	99.9	99.9	99.9	293.2	310.7	6.3	94.9	99.9	99.9
4.7	25.3	1909.6	600.0	5.3	4.6	999.9	99.9	99.9	99.9	296.4	314.9	6.7	95.4	99.9	99.9
5.7	27.8	2058.9	775.0	4.0	3.1	999.9	99.9	99.9	99.9	298.1	315.1	6.2	94.3	99.9	99.9
6.8	32.3	2258.9	750.0	2.4	1.5	999.9	99.9	99.9	99.9	299.2	315.0	5.7	93.9	99.9	99.9
8.0	37.9	2599.1	725.0	1.1	0.2	999.9	99.9	99.9	99.9	300.7	315.7	5.4	94.1	99.9	99.9
9.5	39.3	3081.0	700.0	0.3	-0.4	39.1	17.5	-11.1	-13.6	302.2	317.9	5.3	95.4	3.8	205.
11.5	39.1	3372.4	675.0	-1.3	-1.9	23.6	2.0	-1.0	-2.4	306.2	318.3	4.9	95.3	4.2	203.
13.1	40.9	3673.6	650.0	-2.6	-3.4	163.1	3.5	-1.0	3.4	306.1	319.3	4.6	93.9	4.2	203.
14.4	43.7	3965.6	625.0	-2.6	-3.4	182.2	10.3	0.4	10.2	309.5	323.5	4.8	93.0	3.6	206.
15.7	46.4	4310.1	600.0	-2.7	-3.5	198.6	13.5	4.3	12.6	313.1	327.6	4.9	93.6	2.8	213.
17.2	49.4	4647.0	575.0	-3.6	-4.6	220.3	16.9	11.3	9.7	315.7	329.9	4.7	92.9	1.5	210.
19.5	52.3	4996.3	550.0	-5.8	-7.0	244.0	20.5	18.5	8.8	317.2	329.7	4.1	91.0	1.3	109.
21.9	55.4	5361.9	525.0	-6.1	-9.5	268.2	26.2	18.1	8.8	318.7	329.6	3.5	85.4	4.3	75.
24.0	59.5	5740.0	500.0	-10.1	-11.7	238.9	19.4	16.6	10.0	320.4	330.6	3.1	86.2	7.7	70.
26.9	61.6	6134.5	475.0	-11.9	-13.6	226.6	22.4	14.8	14.0	323.2	332.2	2.8	87.0	10.0	66.
29.9	64.9	6566.6	450.0	-14.6	-16.5	224.0	23.1	14.1	16.6	324.5	332.5	2.3	85.4	12.5	61.
31.2	68.5	6977.7	425.0	-17.4	-19.7	221.7	21.0	14.5	15.1	326.2	332.9	1.9	82.4	15.4	58.
33.1	71.9	7429.5	400.0	-20.3	-22.7	217.9	21.3	13.1	15.1	328.4	333.8	1.5	80.8	17.7	56.
35.1	75.4	7904.6	375.0	-24.0	-26.9	215.3	22.3	12.9	16.2	329.4	333.7	1.1	76.3	20.2	53.
37.1	73.2	8504.4	350.0	-27.7	-31.0	205.4	27.1	13.3	23.6	331.5	334.3	0.8	73.1	23.5	50.
39.6	73.2	9033.4	325.0	-31.7	-35.0	208.0	29.7	10.2	27.9	333.1	335.2	0.6	72.1	26.8	47.
42.0	77.3	9464.5	300.0	-36.4	-40.0	196.7	30.4	8.7	29.1	334.1	335.5	0.4	68.4	30.6	43.
45.7	91.7	10091.3	275.0	-41.4	-45.9	194.4	37.2	10.2	30.6	335.2	335.9	99.9	99.9	38.7	38.
48.7	90.2	10730.8	250.0	-47.0	-49.9	204.7	33.1	13.9	30.1	336.2	336.9	99.9	99.9	42.6	36.
53.2	101.2	11422.0	225.0	-48.3	-59.9	216.4	40.4	27.1	31.6	344.2	339.9	99.9	99.9	52.0	35.
61.5	106.5	12193.1	200.0	-51.2	-59.9	231.2	37.3	29.1	23.4	331.7	339.9	99.9	99.9	71.4	38.
70.9	112.3	13057.4	175.0	-53.1	-59.9	231.3	42.9	33.2	26.6	362.4	339.9	99.9	99.9	51.7	41.
76.0	119.7	14080.5	150.0	-58.5	-59.9	231.1	26.3	18.9	15.3	369.2	339.9	99.9	99.9	101.7	43.
83.3	132.7	15170.0	125.0	-64.1	-59.9	205.9	23.1	10.5	20.6	378.9	339.9	99.9	99.9	109.1	42.
89.9	137.7	16335.7	100.0	-67.6	-59.9	242.7	22.3	14.9	10.2	397.2	339.9	99.9	99.9	110.2	42.
102.0	142.7	16303.7	75.0	-60.9	-59.9	240.0	12.0	11.1	6.4	445.3	339.9	99.9	99.9	126.8	42.
114.0	152.5	20847.2	50.0	-56.5	-59.9	599.9	99.9	95.0	99.9	510.4	339.9	99.9	99.9	559.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	95.5	99.9	99.9	59.9	59.9	99.9	99.9	99.9	99.9

 0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 362  
 NORTH PLATTE, NEBRASKA

 6 JUNE 1979  
 1100 GMT

TIME MIN	CHTCY	HEIGHT GPM	PRES IN	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POT S DEG K	S POT T DEG K	WZ WTC CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	12.9	867.0	921.4	10.6	6.7	30.0	4.1	-2.0	-3.6	290.2	306.2	6.7	77.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.9	99.9	99.9	975.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04.9	14.9	1092.3	900.0	7.9	6.0	33.1	7.6	-6.2	-6.4	269.7	307.0	6.9	92.7	0.2	221.
05.9	17.3	1274.4	875.0	6.6	5.3	36.9	11.0	-6.6	-8.0	240.4	307.4	6.4	93.0	0.7	217.
06.9	19.4	1512.1	850.0	5.2	3.0	39.5	12.4	-7.7	-9.7	231.4	306.6	5.6	86.1	1.3	217.
07.9	22.0	1750.0	825.0	5.2	4.0	46.1	10.2	-7.4	-7.1	294.1	310.0	6.2	91.5	2.0	210.
08.9	24.5	2007.5	800.0	4.2	3.1	52.2	8.3	-6.6	-5.1	295.1	311.0	6.0	92.2	2.4	221.
09.9	27.0	2260.0	775.0	3.5	2.6	44.4	3.6	-5.6	-5.7	292.4	314.0	6.0	93.5	2.9	222.
10.9	29.5	2531.0	750.0	1.8	0.9	35.1	6.9	-3.9	-3.6	300.2	313.6	5.5	93.8	3.1	222.
11.9	32.0	2808.0	725.0	0.7	-0.2	24.2	4.0	-2.0	-4.1	300.3	314.9	5.2	93.4	3.7	221.
12.9	34.7	3097.2	700.0	0.1	-0.8	45.3	1.8	-1.3	-1.3	302.4	317.3	5.2	93.5	3.8	220.
13.9	37.2	3378.8	675.0	-0.5	-1.4	164.1	2.1	-0.6	2.0	305.1	319.7	5.1	93.7	3.9	220.
14.9	39.9	3668.5	650.0	-1.3	-2.2	207.2	7.3	3.4	6.5	307.2	321.9	5.0	93.7	3.6	222.
15.9	42.7	3959.5	625.0	-1.9	-2.8	226.8	13.6	9.9	9.3	310.2	324.8	5.0	93.7	2.9	223.
16.9	45.4	4310.0	600.0	-2.6	-3.6	258.0	19.7	13.5	8.1	312.2	326.0	4.6	93.1	1.8	215.
17.9	48.3	4654.2	575.0	-3.1	-4.3	242.2	14.0	12.4	6.5	314.0	325.4	3.8	83.1	0.9	102.
18.9	51.3	5005.6	550.0	-7.2	-9.1	242.2	16.5	14.6	7.7	315.4	326.2	3.5	86.1	1.1	117.
19.9	54.3	5364.4	525.0	-8.6	-9.6	228.3	17.1	12.0	11.4	316.1	326.9	3.5	92.3	2.0	02.
20.9	57.4	5741.7	500.0	-11.4	-15.7	223.8	18.9	13.1	13.6	318.2	326.8	2.4	73.4	3.2	67.
21.9	60.5	6132.7	475.0	-14.7	-30.2	225.9	22.5	16.1	15.6	319.4	322.0	0.7	25.5	4.7	60.
22.9	63.8	6500.0	450.0	-17.3	-32.9	228.6	23.4	17.9	15.4	321.5	323.3	0.5	24.3	6.5	56.
23.9	67.1	6885.9	425.0	-20.3	-30.6	233.9	23.5	19.0	13.8	322.9	325.3	0.7	36.1	8.5	55.
24.9	70.6	7412.9	400.0	-22.3	-28.9	229.2	23.3	17.6	15.2	320.0	329.0	0.9	54.0	11.0	55.
25.9	74.0	7884.7	375.0	-25.0	-30.0	211.2	23.1	12.0	19.0	320.2	331.4	0.8	42.0	13.0	53.
26.9	77.7	8363.0	350.0	-26.6	-33.4	205.8	26.0	11.3	23.4	330.0	332.3	0.4	64.3	15.3	48.
27.9	81.6	8908.9	325.0	-33.1	-38.3	203.3	27.7	11.0	25.5	331.8	332.0	0.4	59.6	18.2	45.
28.9	85.7	9486.9	300.0	-37.7	-44.0	199.4	31.1	10.3	29.4	332.1	333.2	0.2	51.3	21.3	41.
29.9	89.8	10061.1	275.0	-42.2	-49.9	206.9	32.4	14.6	28.9	330.3	339.9	99.9	99.9	25.6	37.
30.9	94.4	11408.4	250.0	-47.8	-59.9	213.1	39.1	21.4	32.8	341.0	359.9	99.9	99.9	30.8	36.
31.9	99.2	12100.4	200.0	-51.0	-66.0	219.5	43.3	24.0	35.6	345.9	369.9	99.9	99.9	37.6	36.
32.9	104.2	13359.7	175.0	-55.6	-70.9	217.0	48.0	24.1	31.9	350.1	369.9	99.9	99.9	45.0	36.
33.9	109.0	14014.6	150.0	-58.8	-75.9	225.1	53.4	23.6	23.6	348.2	369.9	99.9	99.9	53.0	37.
34.9	115.0	15107.6	125.0	-62.7	-79.9	216.0	58.4	15.2	20.4	381.2	369.9	99.9	99.9	61.1	37.
35.9	122.5	16512.7	100.0	-63.3	-83.3	234.1	18.3	14.6	10.7	405.2	369.9	99.9	99.9	73.8	38.
36.9	130.3	18289.1	75.0	-64.9	-86.9	210.1	10.9	5.5	9.5	440.4	369.9	99.9	99.9	77.8	38.
37.9	139.0	20850.4	50.0	-64.8	-90.9	145.5	7.4	-4.2	6.1	510.1	369.9	99.9	99.9	79.9	37.
38.9	149.5	25337.6	25.0	-68.8	-95.9	951.9	99.9	99.9	99.9	640.6	369.9	99.9	99.9	80.9	34.

 0.9V SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0.9V TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00.0V SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 20  
ADA, OKLAHMA  
7 JUNE 1979  
1111 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIA MM	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG M	E POT DEG M	MR RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	9.8	312.0	964.9	22.4	21.4	189.0	2.9	-1.8	1.7	298.4	342.8	16.9	94.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.4	11.4	467.0	975.0	23.8	22.9	191.5	15	3.1	18.3	301.4	351.2	18.9	98.7	0.4	355.
1.4	13.8	701.3	925.0	23.0	21.7	202.8	17.9	6.9	16.5	302.5	350.8	18.0	92.2	1.2	10.
2.3	16.2	941.0	900.0	21.8	20.5	210.4	21.1	10.7	14.2	304.0	350.1	17.2	92.4	2.1	18.
3.1	18.7	1186.0	875.0	19.8	18.7	218.7	24.6	15.4	19.2	304.4	348.9	15.8	93.1	3.2	23.
3.9	21.1	1436.3	850.0	15.3	14.3	231.0	24.5	19.0	15.4	306.4	339.7	12.2	72.9	4.1	28.
4.7	23.7	1654.3	825.0	20.2	8.9	241.9	22.7	20.0	10.7	309.5	334.7	8.7	46.2	5.4	35.
5.6	26.2	1955.3	800.0	18.5	8.1	239.6	21.4	18.4	10.8	310.5	335.2	8.5	50.8	6.4	40.
6.5	28.8	2230.8	775.0	16.3	7.4	233.7	21.0	16.9	12.4	311.2	335.2	8.4	55.7	7.6	44.
7.4	31.4	2509.1	750.0	12.8	6.0	229.8	21.2	16.2	13.7	311.7	335.3	7.9	58.8	8.7	44.
8.4	34.1	2794.2	725.0	11.5	4.5	229.9	21.1	16.1	13.6	312.1	333.2	7.3	61.9	9.9	44.
9.4	36.8	3046.6	700.0	8.8	2.9	231.9	23.1	16.2	14.3	312.1	331.8	6.8	65.8	11.3	45.
10.4	39.4	3346.6	675.0	6.1	0.5	236.1	21.5	16.2	12.2	312.5	329.8	5.9	67.4	12.8	46.
11.7	42.3	3655.4	650.0	5.0	-0.0	240.4	19.6	17.1	9.7	314.7	324.5	3.2	38.3	14.3	47.
12.8	45.1	4014.3	625.0	2.7	-12.3	240.8	17.4	15.2	8.5	315.4	323.0	2.4	37.1	15.4	48.
14.0	48.1	4343.0	600.0	-0.3	-9.7	241.7	17.7	15.6	8.4	315.4	323.3	3.1	45.7	16.6	48.
15.2	51.1	4682.5	575.0	-2.4	-9.7	243.3	19.5	17.5	8.4	317.2	327.0	3.2	57.1	17.9	50.
16.4	54.1	5034.0	550.0	-4.2	-16.1	248.8	18.9	17.4	7.5	319.1	325.9	2.0	30.7	19.3	51.
17.7	57.3	5399.6	525.0	-6.0	-20.5	258.8	17.8	17.2	4.7	321.2	325.9	1.4	9.6	20.6	53.
19.0	60.4	5780.0	500.0	-8.3	-34.8	253.8	17.9	17.5	3.5	322.5	324.3	0.4	9.6	21.9	54.
20.3	63.6	6176.2	475.0	-10.9	-32.8	260.2	17.4	17.2	2.9	324.2	324.3	0.5	14.6	23.2	56.
22.7	67.0	6589.6	450.0	-13.0	-34.3	258.1	14.7	14.4	3.0	326.6	320.5	0.5	14.7	24.6	57.
23.7	70.4	7024.0	425.0	-14.7	-48.5	268.1	16.2	16.1	1.1	330.1	330.5	0.1	3.9	26.1	59.
25.5	74.0	7479.5	400.0	-18.3	-53.2	268.2	18.5	16.5	0.5	331.2	331.5	0.1	2.9	27.6	61.
27.4	77.7	7958.6	375.0	-21.6	-65.3	253.8	17.2	16.5	4.8	333.0	333.2	0.0	2.6	29.3	62.
29.1	81.6	8464.0	350.0	-23.6	-65.4	253.3	21.2	20.3	6.1	337.0	337.1	0.0	1.0	31.2	63.
31.0	85.5	9003.0	325.0	-27.0	-67.2	254.3	32.8	31.6	8.9	339.4	339.5	0.0	1.0	34.2	63.
33.2	89.8	9576.6	300.0	-30.1	-69.2	257.4	42.8	41.8	9.3	343.0	343.1	0.0	1.0	39.0	65.
35.7	94.2	10190.8	275.0	-34.5	-72.1	259.8	51.9	51.0	9.2	347.4	347.4	0.0	1.0	46.1	67.
38.5	99.8	10950.0	250.0	-39.5	-75.5	255.3	60.99	59.7	12.0	349.2	349.2	0.0	1.0	55.5	69.
41.0	103.8	11562.9	225.0	-45.2	-79.9	255.3	93.89	52.1	13.7	349.2	349.2	0.0	1.0	64.2	70.
44.0	109.2	12337.7	200.0	-51.9	-84.6	250.0	92.49	45.4	18.0	350.4	350.4	0.0	1.0	73.6	71.
47.2	115.0	13192.7	175.0	-57.6	-89.9	248.1	92.49	48.8	19.6	354.5	354.5	0.0	1.0	83.5	70.
50.6	121.3	14150.0	150.0	-64.6	-94.9	251.8	49.29	46.7	15.4	358.5	358.5	0.0	1.0	94.2	70.
54.3	128.3	15255.4	125.0	-68.5	-99.9	258.6	37.19	36.5	6.7	370.5	370.5	0.0	1.0	104.0	71.
58.4	136.0	16586.6	100.0	-62.1	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

\* 99 SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 99 TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

00 00 SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 20  
AOA, SRILANKA

7 JUNE 1979  
1422 GMT

TIME MIN	CNCT	WEIGHT GPM	PRES MM	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG C	E POT T DEG C	W RTD CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	9.1	312.0	967.9	27.1	22.3	160.0	18.2	-3.5	9.6	303.1	350.0	17.0	73.0	0.0	0.
99.9	99.9	99.9	1800.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	10.6	472.6	950.0	25.1	22.3	191.2	11.6	2.2	11.3	302.7	351.1	18.2	84.5	0.7	5.
1.4	12.8	717.1	925.0	23.0	21.3	198.1	17.3	4.6	16.6	302.5	347.7	17.6	90.2	1.3	9.
2.2	15.1	931.4	900.0	21.3	20.1	206.0	20.2	9.5	17.8	303.4	348.2	16.7	95.3	2.2	14.
3.2	17.3	1196.6	875.0	20.0	17.8	228.2	22.2	16.6	14.8	305.5	348.8	14.9	92.6	3.2	22.
3.9	19.6	1456.9	850.0	20.0	17.8	235.4	23.1	19.9	11.7	309.8	348.5	11.0	92.6	4.2	30.
4.7	21.9	1728.6	825.0	21.5	17.7	236.8	19.6	16.4	10.7	311.4	337.5	9.2	46.7	5.1	36.
5.6	24.2	1976.9	800.0	19.8	17.9	230.1	18.2	14.3	11.9	312.3	336.3	8.4	46.0	6.0	34.
6.5	26.6	2277.7	775.0	17.7	17.7	231.0	15.6	13.5	12.5	312.6	336.2	7.6	46.3	7.1	42.
7.4	29.0	2527.0	750.0	15.2	17.7	230.6	10.8	14.5	11.9	313.1	336.1	7.2	46.7	8.2	42.
8.3	31.4	2813.7	725.0	12.9	17.9	231.3	13.3	10.4	8.3	313.6	336.3	7.1	52.2	9.5	42.
9.1	33.9	3107.7	700.0	10.6	17.9	230.8	10.0	8.8	4.9	314.2	335.4	7.3	62.7	10.5	46.
10.1	36.4	3409.9	675.0	7.9	17.9	230.3	8.4	8.3	2.0	314.5	335.1	7.1	70.9	11.0	46.
11.2	39.0	3720.1	650.0	5.1	17.7	230.3	10.0	5.7	2.4	314.6	330.3	5.2	61.2	12.2	46.
12.2	41.6	4039.6	625.0	3.2	17.7	230.7	10.9	10.2	3.8	316.1	327.2	3.6	47.4	13.0	46.
13.3	44.2	4365.5	600.0	1.3	17.7	230.4	13.6	12.1	6.3	317.7	327.6	3.3	46.6	14.0	46.
14.5	47.0	4711.0	575.0	0.2	17.0	230.9	12.7	12.0	4.1	320.2	322.1	0.5	46.1	15.0	50.
15.8	49.9	5065.0	550.0	-1.9	17.4	230.4	10.9	10.9	0.3	321.5	325.1	1.0	46.1	16.3	54.
17.2	52.6	5433.9	525.0	-3.0	17.6	231.6	12.2	12.2	-0.2	322.4	326.1	1.1	21.7	17.2	54.
18.4	55.3	5815.1	500.0	-4.5	17.9	232.7	12.8	12.8	0.5	323.5	327.2	1.0	22.0	18.2	57.
20.2	59.4	6222.9	475.0	-6.5	17.9	233.3	9.6	9.5	1.1	326.2	328.9	0.7	18.9	19.1	59.
21.9	61.5	6626.4	450.0	-12.0	17.9	233.6	8.0	7.9	1.5	328.1	329.9	0.4	18.0	20.0	60.
23.3	64.6	7023.4	425.0	-16.9	17.9	233.7	7.1	7.1	0.4	329.9	331.5	0.4	18.3	21.5	61.
25.1	67.9	7516.3	400.0	-17.4	17.4	233.6	6.7	6.7	0.7	332.2	333.0	0.2	18.1	22.5	62.
26.9	71.1	7959.2	375.0	-21.3	17.4	233.1	13.4	13.1	3.0	333.4	333.9	0.1	18.1	23.5	63.
29.0	74.6	8566.3	350.0	-22.9	17.4	233.1	23.9	22.2	7.6	337.4	338.3	0.1	18.1	24.5	64.
31.3	78.2	9086.1	325.0	-25.4	17.4	233.1	32.7	31.0	10.4	341.6	342.1	0.1	18.1	25.4	65.
33.7	82.0	9622.5	300.0	-27.1	17.1	233.1	38.3	37.7	6.7	344.2	344.6	0.1	18.1	26.2	67.
35.9	85.8	10234.7	275.0	-29.0	17.1	233.1	46.9	46.1	8.4	346.8	346.2	0.0	18.1	27.0	69.
38.4	90.0	10838.4	250.0	-31.8	17.1	233.1	51.1	50.1	10.1	347.2	347.3	0.0	18.1	27.8	71.
41.1	94.3	11612.2	225.0	-34.7	17.1	233.1	48.7	45.4	11.1	350.8	350.9	99.9	99.9	51.0	72.
44.4	98.0	12390.6	200.0	-37.3	17.1	233.1	48.3	44.5	16.8	353.2	353.3	99.9	99.9	51.0	72.
47.8	102.0	13271.8	175.0	-39.8	17.1	233.1	48.3	44.5	18.9	356.1	356.1	99.9	99.9	51.0	72.
51.0	109.3	14209.1	150.0	-42.8	17.1	233.1	48.3	44.5	18.9	358.2	358.2	99.9	99.9	51.0	72.
54.7	115.3	15314.7	125.0	-45.3	17.1	233.1	48.3	44.5	18.9	360.2	360.2	99.9	99.9	51.0	72.
59.0	122.3	16573.4	100.0	-47.6	17.1	233.1	48.3	44.5	18.9	361.3	361.3	99.9	99.9	51.0	72.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

99 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
99 BY TEMP MEANS TEMPERATURE CP TIME HAVE BEEN INTERPOLATED  
99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 20  
 AOA, DELAMONA

 7 JUNE 1979  
 1955 GMT

128 106. 9

TIME MIN	CNCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEV PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG M	POT 2 DEG K	HL STD CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	9.7	312.0	968.3	38.0	22.4	160.0	10.0	-3.4	9.4	309.6	356.8	17.9	97.0	0.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	95.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	11.4	483.3	950.0	28.8	22.2	177.0	11.7	-8.5	11.7	306.1	355.3	18.1	87.5	0.5	34.5
1.5	13.7	720.0	925.0	24.4	21.6	181.4	12.3	6.3	12.3	306.2	355.2	18.1	76.0	1.1	353.
2.4	16.1	927.7	906.0	21.9	21.5	187.5	13.6	1.8	13.5	306.1	355.4	18.3	66.5	1.8	357.
3.4	14.5	1209.7	875.0	21.9	20.7	199.1	14.5	4.9	14.1	306.1	354.9	17.9	93.0	2.6	2.
4.4	21.0	1402.1	850.0	22.6	11.6	221.7	17.2	11.5	12.9	309.2	353.5	10.2	50.8	3.5	10.
5.5	23.4	1722.6	825.0	22.7	7.2	226.7	17.7	12.9	12.9	312.6	354.9	7.6	36.8	4.5	19.
6.6	25.9	1999.4	800.0	20.5	5.0	224.4	18.7	13.1	13.3	313.0	354.0	7.3	38.3	5.5	24.
7.6	29.5	2262.4	775.0	17.9	4.4	223.9	18.0	12.5	13.0	313.0	352.8	6.8	40.9	6.6	28.
8.6	31.0	2581.9	750.0	16.0	1.3	220.3	19.3	9.9	11.7	314.6	350.6	5.6	36.9	7.6	30.
9.6	33.6	2929.5	725.0	14.3	1.9	220.7	10.5	6.9	8.0	315.1	353.1	6.1	43.5	8.4	30.
10.7	36.3	3124.9	700.0	11.6	3.3	226.3	6.8	4.9	4.7	315.4	353.8	7.0	56.5	8.9	31.
11.8	39.0	3428.3	675.0	9.2	0.5	234.9	5.2	4.3	3.0	315.5	353.4	5.9	54.5	9.3	32.
13.3	41.6	3739.6	650.0	6.3	-2.0	260.9	3.8	3.7	0.6	316.1	351.4	5.1	55.2	9.6	33.
14.2	44.6	4000.7	625.0	4.4	-5.1	295.6	3.7	3.3	-1.6	317.5	350.2	4.2	49.0	9.7	34.
15.4	47.4	4351.6	600.0	2.0	-11.3	284.7	4.3	4.2	-1.1	318.4	350.9	2.7	37.4	9.7	36.
16.4	50.4	4734.6	575.0	0.7	-24.3	263.3	4.9	4.8	0.6	320.6	354.0	0.9	13.2	9.9	38.
19.1	53.4	5069.4	550.0	-2.2	-31.6	258.3	4.0	3.9	0.8	321.2	353.2	0.5	4.1	10.2	39.
19.4	56.4	5456.9	525.0	-4.9	-25.3	243.0	5.1	4.4	2.6	322.6	355.8	1.0	19.1	10.5	40.
20.8	59.5	5836.8	500.0	-7.3	-25.2	239.8	7.7	6.6	3.9	324.1	357.5	1.0	22.6	11.0	41.
22.4	62.8	6237.0	475.0	-9.3	-29.7	242.4	8.9	7.8	4.1	326.5	358.9	0.7	17.0	11.7	42.
23.4	66.0	6651.1	450.0	-11.8	-37.9	250.1	8.3	7.8	2.8	328.4	359.6	0.3	9.3	12.4	43.
25.3	69.4	7049.0	425.0	-14.3	-34.6	260.7	9.3	9.2	1.5	330.6	351.7	0.3	10.6	13.0	45.
26.7	73.0	7545.7	400.0	-17.8	-41.0	258.5	12.6	12.4	2.3	331.4	352.9	0.3	11.0	13.8	47.
28.1	76.7	8026.3	375.0	-20.5	-43.0	252.2	15.8	18.0	6.0	334.7	355.5	0.2	10.3	14.8	50.
29.3	83.4	8534.2	350.0	-23.1	-46.5	249.4	30.3	27.3	13.1	337.6	358.3	0.2	9.6	16.7	52.
31.3	84.3	9075.2	325.0	-25.6	-49.0	249.1	34.0	31.4	12.1	341.4	361.0	0.1	9.0	20.5	54.
33.3	88.5	9650.0	300.0	-30.3	-51.6	254.8	34.7	33.5	9.1	342.7	363.1	0.1	10.3	24.5	57.
35.3	93.0	10261.1	275.0	-36.1	-54.9	252.9	37.9	36.2	11.1	343.8	363.3	0.1	12.3	28.6	60.
37.5	97.6	10916.4	250.0	-40.3	-59.9	250.3	44.2	41.6	14.9	346.2	369.0	99.9	59.9	33.9	62.
39.6	102.5	11627.0	225.0	-45.7	-59.9	249.1	46.3	43.3	18.5	348.6	369.9	99.9	99.9	40.1	63.
42.2	107.8	12400.3	200.0	-52.0	-59.9	247.3	45.6	42.1	17.6	350.4	369.9	99.9	99.9	46.7	64.
44.9	113.7	13251.4	175.0	-59.1	-59.9	253.6	44.1	42.3	12.5	352.4	369.9	99.9	99.9	54.2	65.
47.6	121.0	14206.4	150.0	-64.3	-59.9	257.3	33.3	32.5	7.3	359.3	369.9	99.9	99.9	60.4	66.
52.2	127.0	15308.6	125.0	-68.9	-59.9	99.9	99.9	99.9	99.9	370.2	369.9	99.9	99.9	64.8	64.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 20  
ADA, DELAWARE  
7 JUNE 1970  
2304 GMT

TIME MIN	CNTCT	WEIGHT GPH	PRE3 MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	J CORP M/SEC	V CORP M/SEC	POT T DEG K	E POT T DEG K	WIND CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	9.1	312.0	948.4	30.4	25.7	150.0	4.1	-2.1	3.4	306.4	263.4	22.0	76.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.5	13.7	486.6	950.0	29.9	22.4	174.3	8.7	-0.9	8.7	307.6	351.1	18.2	83.9	0.4	354.
1.2	12.8	722.8	925.0	27.2	20.2	181.4	12.7	0.3	12.7	307.1	351.6	16.4	85.6	0.8	357.
2.2	14.0	965.2	900.0	24.9	20.6	183.4	14.7	0.9	14.6	307.2	354.3	17.3	77.4	1.7	0.
3.1	17.2	1212.9	875.0	20.6	20.2	186.7	14.5	1.7	14.4	307.2	354.3	17.3	80.5	2.4	1.
3.9	19.4	1465.5	850.0	20.2	18.3	196.6	14.6	4.2	14.0	307.2	354.3	15.8	80.5	3.2	3.
4.8	21.5	1723.4	825.0	19.3	15.0	211.4	14.0	7.3	11.9	309.0	343.3	13.1	76.0	3.9	7.
5.8	23.8	1989.3	800.0	20.8	5.8	226.9	12.1	8.8	8.3	312.2	333.5	7.3	39.6	4.6	13.
7.0	26.2	2262.2	775.0	18.2	2.6	259.9	98.9	98.9	98.9	313.4	330.9	6.0	35.2	999.9	999.
8.3	24.5	2542.4	750.0	16.6	2.7	269.9	99.9	99.9	99.9	314.6	332.9	6.2	36.2	999.9	999.
90.9	99.9	99.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
90.9	99.9	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
90.9	99.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
90.9	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
90.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
90.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
90.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
90.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
90.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
90.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
90.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
90.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
90.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
90.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
90.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
90.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
90.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
90.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
90.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
90.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
90.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
90.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
90.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
90.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
90.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
90.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
90.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
90.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
90.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0.9 TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 21  
ALTUS, OKLAHOMA7 JUNE 1979  
1106 GMT

127 97. 0

TIME MIN	FNCTY	WFLGHT GPM	QWES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPED M/SEC	J COMP M/SEC	V COMP M/SEC	PCT T DEG K	E PCT Y DEG K	MA PTO G/KG	ON PCT	RANGF KM	AZ DEG
0.0	13.0	422.0	651.1	22.0	19.4	140.0	1.6	-1.0	1.2	299.4	339.2	15.1	65.2	0.0	0.
99.9	99.9	99.9	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	10.9	432.1	650.0	22.0	19.4	159.4	1.5	-2.0	9.2	299.5	340.3	15.5	66.5	0.1	1.
0.7	13.1	435.0	625.0	22.3	19.4	211.5	17.3	9.0	18.7	302.1	343.5	15.5	63.4	0.5	14.
1.6	14.5	904.4	900.0	22.7	16.9	222.3	23.2	15.6	17.1	304.5	341.8	13.6	70.0	1.5	23.
2.5	14.3	1131.3	875.0	23.1	11.3	228.5	24.6	18.4	16.4	305.8	336.5	9.5	41.2	2.9	34.
3.5	20.4	1405.8	850.0	24.5	9.7	231.6	22.0	17.3	13.7	311.8	337.3	8.9	39.1	4.2	41.
4.5	27.9	1666.7	825.0	24.6	6.2	234.7	22.5	26.0	14.2	312.5	335.4	4.3	35.6	5.4	44.
5.3	25.4	1434.2	870.0	21.2	7.7	239.8	22.6	15.5	11.4	313.6	337.0	9.3	41.4	6.5	47.
6.3	24.0	2228.2	773.0	17.5	6.5	245.9	17.5	15.9	7.1	314.6	337.7	7.9	42.9	7.9	49.
7.2	23.6	2480.5	750.0	14.9	5.4	245.9	15.2	13.9	6.2	315.6	337.0	7.5	46.5	8.8	51.
8.0	17.2	2777.5	725.0	14.3	4.2	243.8	14.9	13.4	6.6	315.1	336.0	7.2	50.6	9.6	52.
9.7	35.9	3372.4	700.0	12.1	4.1	245.1	13.9	12.6	5.8	315.5	337.5	7.4	54.0	10.4	53.
10.3	34.7	3376.4	675.0	8.9	3.1	243.4	13.5	10.0	5.0	315.4	336.4	7.1	56.9	11.2	54.
11.4	41.4	3584.6	650.0	7.3	3.4	247.0	9.1	9.3	0.5	317.2	334.4	5.8	64.1	11.8	55.
12.5	44.2	4310.1	625.0	4.6	-5.2	272.5	8.7	6.7	-0.4	317.5	330.4	4.2	69.9	12.3	57.
13.7	47.1	4341.1	600.0	1.5	-4.8	276.3	6.3	6.0	-2.0	317.6	330.4	4.1	58.2	12.7	59.
14.9	50.1	4642.7	575.0	-0.7	-11.2	292.8	5.2	4.8	-0.6	318.2	328.4	2.9	46.3	12.9	60.
16.1	53.1	5037.6	550.0	-1.6	-33.4	275.3	6.6	4.6	-0.6	322.2	323.6	6.4	6.6	13.2	61.
17.4	56.1	5495.7	525.0	-4.2	-31.7	277.3	7.9	7.9	-1.0	323.4	325.6	0.5	9.7	13.7	63.
18.7	59.4	5788.3	500.0	-7.1	-34.6	281.4	7.3	7.7	-1.5	324.4	325.6	6.4	8.9	14.2	64.
20.0	62.6	6185.8	475.0	-10.2	-30.1	285.3	6.0	5.8	-1.6	325.4	329.2	0.4	17.6	14.7	66.
21.4	65.4	6603.0	450.0	-15.4	-35.6	291.6	3.7	3.4	-1.4	327.6	330.0	0.2	12.2	15.0	67.
23.0	68.4	7034.5	425.0	-18.9	-43.4	103.4	4.2	3.5	-2.1	329.2	330.0	0.2	6.9	15.1	67.
24.6	73.0	7488.9	400.0	-14.9	-45.7	252.0	5.4	4.8	-2.6	330.4	331.0	0.2	7.3	15.5	69.
26.1	76.6	7964.1	375.0	-22.5	-41.0	278.6	6.1	6.1	-0.9	331.4	332.6	0.3	16.7	15.8	70.
27.8	83.4	8469.5	350.0	-25.8	-45.7	259.6	8.5	6.4	1.5	333.5	334.6	0.2	13.4	16.5	71.
29.6	84.4	9005.4	325.0	-26.7	-49.6	260.0	15.3	15.0	2.6	335.6	326.3	0.1	13.8	17.6	71.
31.5	88.6	9573.7	300.0	-29.5	-50.3	255.3	32.1	31.1	8.2	343.6	344.3	0.1	11.2	20.3	72.
33.7	93.0	10188.0	275.0	-34.2	-53.8	256.5	44.2	43.0	10.3	345.6	346.0	0.1	11.7	25.6	73.
35.9	97.6	10444.6	250.0	-35.7	-59.9	252.4	45.7	47.4	15.1	347.1	348.5	14.9	565.9	21.9	73.
38.1	102.4	11500.8	225.0	-45.1	-59.9	251.2	48.9	46.3	15.8	349.5	349.9	14.9	565.9	30.5	73.
40.7	107.8	12317.0	200.0	-50.2	-59.9	245.8	45.4	41.4	18.6	353.2	349.9	9.9	565.9	45.7	72.
43.4	113.5	13156.1	175.0	-53.2	-59.9	244.0	45.3	40.7	19.8	355.4	349.9	5.9	565.9	53.3	71.
46.5	119.8	14155.8	150.0	-53.7	-59.9	246.9	42.6	39.2	16.7	360.4	349.9	5.9	565.9	61.4	70.
49.9	127.0	15262.4	125.0	-47.4	-59.9	252.5	33.6	32.3	10.1	372.6	349.9	9.9	565.9	69.0	69.
53.2	134.7	16605.1	100.0	-65.7	-59.9	565.9	99.9	99.9	99.9	400.8	51.5	99.9	565.9	99.9	99.9
59.9	99.9	99.9	75.0	95.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	95.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 6 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 21 ALTUS, OKLAHOMA													
7 JUNE 1978 1605 GMT													
TIME MIN	CNTCT	WEIGHT GPH	WINDS MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG K	E POT 1 DEG K	RA RTO CM/KG	EM PCT
0.0	12.2	422.0	952.7	20.1	18.8	170.0	5.0	-0.9	4.9	303.7	342.8	14.5	93.0
0.9	99.9	58.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	12.4	447.2	950.0	20.1	19.1	181.2	6.3	0.1	6.3	303.7	343.7	14.9	93.0
0.9	16.4	692.2	925.0	23.9	19.9	212.2	11.9	6.2	9.0	303.7	345.6	16.1	93.0
1.9	17.2	922.0	900.0	22.2	19.2	222.9	17.9	11.9	12.9	304.4	345.3	14.8	93.0
2.4	19.7	1168.0	875.0	24.2	19.4	237.6	19.3	14.3	10.3	309.0	345.9	11.5	93.0
3.8	22.2	1422.5	850.0	24.6	9.4	231.9	16.6	14.6	7.9	311.5	336.9	8.0	93.0
4.7	25.7	1644.2	825.0	24.4	9.1	227.3	14.3	13.2	5.5	314.4	336.8	8.8	93.0
5.7	27.2	1922.9	800.0	22.5	7.2	244.9	16.4	14.8	6.9	315.1	336.3	8.0	93.0
6.7	29.6	2229.2	775.0	20.4	9.3	244.2	15.5	13.9	6.7	315.2	337.0	7.2	93.0
7.4	32.4	2410.3	750.0	18.1	9.6	243.7	12.6	11.3	5.6	316.2	337.2	7.1	93.0
8.9	35.1	2740.3	725.0	15.4	9.2	236.4	11.7	9.7	6.5	316.4	337.4	7.2	93.0
10.0	37.4	3095.6	700.0	12.9	2.1	235.3	10.2	7.7	6.7	316.4	337.3	6.4	93.0
11.2	40.5	3460.7	675.0	10.3	-1.1	244.2	8.6	7.8	3.7	317.2	337.1	5.3	93.0
12.3	43.3	3712.6	650.0	7.8	0.2	244.3	7.6	7.9	0.8	317.6	336.6	6.0	93.0
13.5	46.2	4336.9	625.0	4.7	-3.4	253.5	6.7	6.6	0.8	317.9	336.3	4.8	93.0
14.9	49.1	4966.3	600.0	1.9	-5.9	273.4	4.6	4.6	-0.3	318.0	336.5	4.1	93.0
15.7	52.1	4768.0	575.0	-1.1	-8.3	266.9	3.0	3.0	0.2	318.7	329.8	3.6	93.0
16.9	55.1	5061.0	550.0	-3.4	-12.6	250.3	2.1	1.6	1.3	320.1	327.7	1.7	93.0
18.2	58.3	5427.7	525.0	-5.7	-23.0	242.8	3.7	3.3	1.7	321.2	325.5	1.1	93.0
19.4	61.4	5805.1	500.0	-7.2	-31.7	250.5	5.0	4.9	0.8	324.2	326.1	0.5	93.0
20.6	64.7	6206.6	475.0	-10.0	-38.0	262.8	4.1	4.0	0.5	325.4	327.2	0.4	93.0
22.2	68.0	6621.5	450.0	-12.3	-35.6	271.2	3.9	3.9	-0.1	327.6	329.2	0.4	93.0
23.6	71.5	7055.6	425.0	-15.6	-38.0	273.8	4.8	4.8	-0.3	329.0	330.2	0.3	93.0
25.1	75.0	7510.2	400.0	-18.7	-37.7	266.5	6.9	6.9	0.4	330.7	330.1	0.4	93.0
26.7	78.7	7968.5	375.0	-21.9	-42.7	257.8	8.3	8.1	1.7	332.6	333.4	0.2	93.0
28.3	82.6	8493.7	350.0	-25.0	-45.0	249.7	11.3	10.4	3.9	335.1	335.8	0.2	93.0
30.1	86.6	9028.2	325.0	-28.6	-47.8	245.1	17.6	18.0	7.4	337.2	337.8	0.2	93.0
32.0	90.6	9599.3	300.0	-30.7	-49.4	231.1	26.5	25.1	8.6	342.1	342.6	0.1	93.0
34.0	95.2	10213.1	275.0	-34.8	-52.6	236.1	38.0	36.9	9.1	344.6	345.2	0.1	93.0
36.1	99.8	10871.6	250.0	-35.8	-52.9	233.4	47.2	45.2	43.5	346.5	346.9	99.9	99.9
38.4	104.6	11585.0	225.0	-44.5	59.9	231.2	45.0	42.6	14.5	350.3	349.9	99.9	99.9
41.0	110.6	12322.6	200.0	-50.1	59.9	249.0	43.6	39.2	18.1	353.4	349.9	99.9	99.9
43.8	115.8	13223.3	175.0	-54.3	59.9	240.0	43.5	37.6	21.8	357.0	349.9	99.9	99.9
46.9	122.0	14182.7	150.0	-64.1	99.9	246.8	48.3	37.5	14.6	359.8	349.9	99.9	99.9
50.3	129.0	15287.3	125.0	-67.9	59.9	246.7	30.5	29.4	8.1	372.0	349.9	99.9	99.9
54.0	136.4	16434.7	100.0	-67.2	59.9	246.9	99.9	99.9	99.9	397.4	349.9	99.9	99.9
57.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
59.4	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
60.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 21  
ALTUS-OKLAHOMA7 JUNE 1979  
1706 GMT

128 97. 8

TIME MIN	CNCT	WEIGHT GPM	WRES MB	TEMP DEG C	DEV PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DEG C	E POT T DEG C	W R TO CM/KG	RM PCT	RANGE AZ KM	AZ DEG
0.0	11.3	423.0	933.4	32.1	18.0	180.0	2.2	0.0	0.2	308.2	143.1	12.1	38.0	0.0	0.
0.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.0	99.9	99.9	975.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.0	11.6	459.2	958.0	31.5	17.2	188.5	14.7	2.2	14.5	309.2	345.7	13.2	42.6	0.2	7.
0.7	13.9	493.2	925.0	29.0	18.0	182.2	19.0	7.2	17.6	309.2	348.3	13.2	51.4	0.6	18.
1.3	16.4	936.9	900.0	26.6	17.1	218.5	7.4	4.6	5.8	309.2	346.9	13.8	55.9	1.1	21.
1.8	18.9	1189.2	875.0	24.2	16.4	229.5	6.2	4.7	4.0	309.0	346.4	13.6	61.6	1.2	25.
2.5	21.4	1438.8	850.0	21.9	15.9	228.7	9.9	6.7	5.9	299.1	346.3	13.5	68.6	1.5	29.
3.4	23.9	1699.1	825.0	21.1	10.6	241.7	9.9	8.7	4.7	310.6	338.6	9.8	51.3	1.9	36.
4.5	26.4	1965.4	800.0	21.4	5.9	232.1	12.4	9.7	7.6	314.2	335.4	7.4	36.5	2.6	42.
5.6	29.1	2240.2	775.0	21.1	0.0	228.0	13.9	10.3	9.3	316.2	332.2	5.3	25.9	3.8	44.
6.9	31.8	2522.6	750.0	18.2	-0.6	223.7	13.1	9.0	9.5	316.7	331.1	4.8	27.0	4.6	44.
8.2	34.4	2811.9	725.0	16.1	-1.1	223.3	12.5	8.6	9.1	317.1	331.8	4.9	30.0	5.5	44.
9.2	37.2	3108.0	700.0	13.5	-1.4	224.0	12.0	8.3	9.6	317.4	332.2	4.9	35.6	6.3	44.
10.2	40.0	3413.4	675.0	10.9	-2.6	224.4	10.9	7.6	7.8	317.6	332.1	4.7	38.6	7.0	44.
11.3	42.8	3727.1	650.0	7.4	-4.1	224.6	8.5	6.0	6.0	318.2	331.7	4.3	40.6	7.6	44.
12.5	45.7	4049.4	625.0	5.3	-6.1	227.5	5.6	4.2	3.8	318.2	331.7	4.3	43.5	8.1	44.
13.4	48.6	4331.4	600.0	2.5	-10.0	232.4	5.2	3.2	3.2	319.2	326.4	3.0	39.3	8.5	44.
14.7	51.6	4724.0	575.0	0.2	-16.4	241.2	7.3	6.4	3.5	320.2	326.2	1.8	27.4	8.8	45.
15.9	54.6	5078.4	550.0	-2.3	-27.8	249.4	8.4	7.9	3.0	321.4	323.6	0.7	12.0	9.4	46.
17.2	57.8	5468.2	525.0	-4.3	-30.8	251.7	7.1	6.8	2.2	323.2	323.2	0.6	10.5	10.0	46.
18.5	61.0	5920.5	500.0	-6.1	-32.0	254.3	5.6	5.5	1.0	325.7	327.5	0.5	10.7	10.7	50.
19.8	64.3	6228.6	475.0	-8.1	-36.1	253.3	4.3	4.1	1.2	326.7	328.3	0.4	11.0	11.2	50.
21.4	67.7	6648.6	450.0	-11.7	-36.0	232.1	5.7	4.5	3.5	328.2	330.0	0.4	11.2	11.2	50.
23.0	71.1	7080.7	425.0	-14.3	-37.6	229.7	7.7	5.9	5.0	330.2	331.9	0.3	11.5	11.8	50.
24.5	74.7	7537.1	400.0	-17.9	-40.4	227.2	8.2	6.0	5.6	331.2	332.8	0.3	11.8	12.5	50.
26.0	78.4	8017.0	375.0	-20.6	-42.5	232.8	8.9	7.1	5.4	331.1	335.0	0.2	12.1	13.1	50.
27.6	82.3	8523.6	350.0	-23.4	-46.4	235.0	17.0	14.0	9.8	337.3	334.1	0.2	12.4	14.3	50.
29.2	86.3	9063.9	325.0	-26.5	-45.3	244.7	28.6	25.9	12.3	342.9	343.7	0.2	12.9	16.7	52.
30.9	90.5	9632.2	300.0	-28.9	-48.5	252.9	33.3	31.0	9.8	348.7	345.2	0.2	12.9	19.7	55.
32.9	95.0	10257.2	275.0	-31.0	-51.0	256.2	35.4	34.4	8.4	348.2	345.2	0.1	12.5	23.5	59.
34.9	99.6	10915.6	250.0	-34.8	-59.9	252.5	48.8	38.9	12.2	347.6	349.9	99.9	999.9	28.0	61.
37.1	104.6	11628.1	225.0	-44.2	-59.0	247.6	41.8	38.6	16.0	350.2	349.9	99.9	999.9	31.6	62.
39.4	110.0	12407.2	200.0	-50.4	-99.9	241.3	48.7	35.7	19.5	352.8	349.9	99.9	999.9	39.2	63.
41.7	115.8	13265.5	175.0	-57.8	-99.9	241.3	41.1	38.1	19.8	355.2	349.9	99.9	999.9	44.9	62.
44.2	122.0	14223.4	150.0	-63.8	-99.9	242.1	37.8	35.1	14.1	360.1	349.9	99.9	999.9	51.0	62.
46.9	129.0	15324.7	125.0	-68.6	-99.9	252.2	28.0	26.4	8.5	370.2	349.9	99.9	999.9	56.1	63.
50.4	137.0	16642.0	100.0	-68.1	-99.9	259.9	99.9	99.9	99.9	390.1	349.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

00 BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG  
 00 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION AQ. 21  
ALTUS, OKLAHOMA  
7 JUNE 1979  
2005 GMT

TIME MIN	CATCT	WEIGHT GEM	MMES MB	TEMP DEG C	DEB PT DEG C	DIM DG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT V DG K	E POT V CG K	MR RTD CM/KS	RM PCT	RANGE KM	AZ DG
0.0	11.3	422.0	932.9	39.7	13.2	100.0	8.2	-2.8	7.7	313.2	301.9	10.1	26.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	11.5	464.8	950.0	35.1	10.6	173.1	7.7	-0.9	7.7	312.6	304.5	11.2	20.8	0.1	0.
0.7	13.0	691.2	925.0	32.2	16.6	196.4	7.1	2.2	6.7	312.2	308.8	13.0	39.3	0.4	13.
1.3	16.3	931.2	900.0	29.7	15.0	197.4	6.2	2.4	7.8	312.2	307.7	12.7	43.0	0.7	14.
1.9	10.0	1151.9	875.0	27.1	15.2	204.8	6.8	3.7	6.0	312.0	307.2	12.5	48.1	1.0	16.
2.5	21.3	1443.9	850.0	24.9	14.8	207.9	6.9	4.2	7.9	312.2	307.6	12.6	53.7	1.3	20.
3.4	23.9	1705.2	825.0	22.2	14.0	206.9	10.2	4.6	9.1	312.0	306.7	12.3	59.9	1.8	21.
4.3	26.4	1912.3	800.0	21.1	8.7	221.1	11.7	7.7	8.8	313.2	305.5	9.0	45.7	2.4	24.
5.2	29.0	2245.7	775.0	19.9	4.3	232.3	13.0	10.3	7.9	315.2	305.0	6.7	35.7	3.0	30.
6.1	31.6	2576.9	750.0	18.6	2.8	233.9	10.9	8.8	6.4	316.2	305.3	6.3	35.0	3.7	34.
7.1	34.3	2816.3	725.0	16.2	-0.7	231.4	9.6	7.9	6.0	317.2	305.3	5.0	31.5	4.2	37.
8.1	37.0	3115.3	700.0	14.0	-3.7	227.1	10.0	7.4	4.8	318.0	304.4	4.2	29.0	4.8	38.
9.0	39.8	3420.5	675.0	11.1	-5.0	225.3	10.9	7.4	7.7	319.0	304.0	3.9	32.0	5.4	39.
10.1	42.6	3733.6	650.0	8.1	-7.2	226.0	10.7	7.7	7.4	318.1	320.7	3.4	32.9	6.0	40.
11.2	45.4	4055.9	625.0	5.2	-9.6	231.6	9.9	8.0	5.9	318.4	327.6	3.0	33.4	6.7	41.
12.2	48.4	4387.6	600.0	2.2	-5.1	231.6	9.7	9.2	3.1	318.7	332.1	4.4	59.3	7.3	42.
13.3	51.4	4730.1	575.0	-0.5	-7.6	224.8	6.3	8.2	0.8	319.4	331.0	3.0	58.7	7.8	45.
14.4	54.4	5083.7	550.0	-3.8	-20.0	232.1	8.0	7.6	2.4	320.6	325.3	1.4	25.8	8.2	47.
15.5	57.4	5451.4	525.0	-4.4	-29.4	234.9	6.1	6.4	4.6	323.1	325.3	0.6	12.2	8.7	48.
16.8	60.6	5834.3	500.0	-6.3	-32.2	237.7	6.5	5.6	3.3	325.4	327.2	0.5	10.7	9.3	49.
18.2	64.0	6233.1	475.0	-9.0	-36.1	235.6	6.0	5.0	3.4	326.8	328.4	0.4	10.0	9.7	49.
19.3	67.1	6648.8	450.0	-11.6	-35.9	222.3	6.2	5.5	6.1	328.6	335.0	0.4	11.2	10.2	49.
20.7	71.7	7082.8	425.0	-14.2	-37.7	223.4	10.0	6.9	7.3	330.6	335.1	0.3	11.5	11.0	49.
22.3	74.3	7522.6	400.0	-17.6	-38.3	224.8	12.6	9.2	8.6	332.1	333.4	0.3	16.4	12.0	48.
23.9	78.0	8023.0	375.0	-20.2	-42.0	233.6	23.1	18.8	13.7	334.9	335.9	0.2	12.1	13.6	49.
25.5	81.9	8533.6	350.0	-20.7	-40.7	239.3	28.3	24.4	14.5	343.9	342.1	0.3	14.8	16.2	50.
27.0	85.8	9077.0	325.0	-25.3	-44.3	245.6	31.7	28.9	13.1	341.5	342.8	0.2	15.0	18.0	52.
28.6	90.0	9651.7	300.0	-30.7	-49.9	245.9	34.9	31.9	14.3	342.2	342.7	0.1	13.1	21.9	54.
30.2	94.5	10243.1	275.0	-35.8	-42.5	243.6	36.2	32.4	16.1	343.2	343.7	0.1	16.1	23.2	55.
32.0	99.2	10919.9	250.0	-35.8	99.9	239.4	39.2	37.8	20.0	347.8	309.9	99.9	99.9	29.2	56.
34.0	104.2	11632.9	225.0	-45.2	99.9	239.8	40.6	35.0	20.4	349.3	309.9	99.9	95.9	34.1	57.
36.2	109.4	12408.2	200.0	-51.6	59.4	239.2	43.7	37.2	23.0	351.4	309.9	99.9	95.9	39.5	57.
38.5	115.3	13282.9	175.0	-57.8	99.9	244.6	41.2	37.2	17.7	354.6	309.9	99.9	95.9	46.3	57.
41.8	121.5	14222.0	150.0	-63.1	59.9	245.6	32.3	25.4	13.4	361.4	309.9	99.9	95.9	52.9	59.
45.3	129.7	15332.0	125.0	-66.2	99.9	235.6	27.4	22.6	15.5	375.1	309.9	99.9	99.9	58.9	58.
49.3	136.7	16633.7	100.0	-71.2	59.9	99.9	99.9	99.9	99.9	390.2	309.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 21  
ALBUQUERQUE, NEW MEXICO  
7 JUNE 1979  
2305 GMT

TIME MIN	CNTCY	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	HA RTO G/SEC	RM PCT	RANGE KM	AZ DEG
0-0	10-9	422.0	652.8	36.6	11.3	170.0	7.0	-1.2	6.9	314.6	339.6	8.9	22.6	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0-1	11-0	448.8	975.0	35.9	14.5	166.1	10.2	2.8	9.8	313.6	345.0	11.1	28.0	0.4	19.
0-9	13-4	925.0	925.0	34.5	14.1	194.7	10.0	2.7	10.4	314.4	346.2	11.1	29.4	0.6	17.
1-7	17-8	915.0	903.0	31.9	13.5	194.8	11.8	3.0	11.4	314.4	345.6	10.9	32.0	1.2	16.
2-6	18-3	1191.6	875.0	29.5	13.3	168.4	12.6	3.6	12.1	314.4	345.9	11.0	37.0	1.8	16.
3-6	23-4	1449.0	825.0	26.9	13.1	169.9	11.9	4.0	11.2	314.2	346.2	11.2	42.5	2.6	16.
4-6	23-7	1711.9	825.0	24.5	11.1	202.0	12.0	6.5	11.1	314.2	343.4	10.1	43.0	3.3	17.
5-4	25-8	1980.7	800.0	22.0	11.3	198.6	12.2	3.9	11.5	314.4	345.0	10.4	50.8	3.9	18.
6-3	24-3	2255.6	775.0	19.2	10.5	155.8	13.2	3.6	12.7	314.2	344.1	10.4	56.9	4.5	18.
7-2	30-9	2516.7	750.0	16.9	8.7	200.1	13.2	4.5	12.4	314.5	342.2	9.5	58.6	5.2	18.
8-3	33-6	2824.9	725.0	14.8	8.4	209.6	12.2	6.0	10.6	314.2	342.4	6.6	60.1	6.1	10.
9-4	36-3	3120.7	700.0	13.8	2.1	221.4	10.4	7.2	8.1	316.5	335.9	6.4	47.5	6.9	21.
10-8	33-0	3425.5	675.0	10.9	-2.4	236.7	10.1	8.4	5.5	317.5	332.3	4.8	36.2	7.6	23.
12-3	41-8	3739.2	650.0	8.6	-3.8	253.2	9.0	8.6	2.6	316.7	332.2	4.4	41.2	8.1	27.
13-3	46-7	4061.9	625.0	5.5	-3.6	261.7	8.7	6.7	1.3	318.7	332.8	4.6	51.1	8.5	30.
14-5	47-6	4354.2	600.0	2.4	-3.8	275.3	8.4	8.4	-0.8	318.5	333.5	4.8	63.3	8.9	34.
15-8	53-5	4736.9	575.0	-0.4	-4.5	277.5	7.8	7.7	-1.0	319.2	333.8	4.8	74.9	9.2	37.
17-3	53-5	5090.8	550.0	-3.8	-15.2	261.8	7.0	7.0	1.0	320.6	327.6	2.1	37.8	9.5	40.
18-6	56-6	5456.7	525.0	-6.3	-25.6	235.4	7.5	6.5	3.8	323.7	326.8	0.9	16.5	10.1	42.
20-2	53-8	5482.1	500.0	-6.3	-27.5	227.8	7.2	5.4	4.9	325.2	328.1	0.8	16.7	10.7	43.
21-4	63-0	6200.6	475.0	-8.9	-29.5	233.5	7.4	6.0	4.4	327.0	329.4	0.7	16.9	11.2	43.
22-9	66-3	6658.8	450.0	-16.8	-32.8	237.1	13.1	11.0	7.1	329.7	331.6	0.5	14.2	12.1	44.
24-5	64-7	7052.6	425.0	-13.8	-36.7	244.5	20.8	18.6	9.0	331.2	332.7	0.4	12.3	13.6	46.
25-9	73-1	7553.6	400.0	-16.6	-39.1	242.2	27.5	24.3	12.8	333.4	334.6	0.3	12.2	15.6	48.
27-5	76-9	8036.2	375.0	-18.9	-42.7	237.8	28.9	24.5	15.4	336.6	337.5	0.2	10.1	18.3	50.
29-4	83-7	8464.9	350.0	-22.3	-45.1	235.3	33.2	27.3	18.5	339.7	339.5	0.2	10.3	21.9	51.
31-3	84-7	8927.4	325.0	-26.2	-46.0	236.4	38.2	27.8	19.9	340.2	341.3	0.2	13.8	25.0	52.
33-1	84-8	9660.6	300.0	-31.4	-49.5	238.1	38.0	28.2	18.9	341.2	341.8	0.2	16.4	28.5	52.
35-1	91-2	10270.8	275.0	-36.4	-51.4	235.3	35.9	28.2	21.0	342.6	343.8	0.1	19.1	33.5	52.
37-5	97-8	10922.5	250.0	-40.2	-59.9	231.5	40.3	31.6	25.0	346.2	349.9	99.9	559.9	39.2	53.
40-2	107-8	11636.8	225.0	-45.8	-59.9	232.9	36.7	30.9	23.4	348.2	349.9	99.9	559.9	45.7	52.
42-9	108-0	12411.6	200.0	-51.7	-59.5	240.8	36.9	34.0	21.0	351.0	359.9	99.9	559.9	51.6	53.
45-3	113-8	13267.8	175.0	-56.4	-59.9	237.4	42.1	35.5	22.7	356.8	359.9	99.9	559.9	58.0	53.
48-6	123-0	14227.9	150.0	-64.1	-59.9	240.8	37.4	28.2	15.6	359.2	360.9	99.9	559.9	64.8	54.
51-8	127-3	15327.5	125.0	-65.3	-59.9	238.4	27.8	23.1	15.4	369.2	369.9	99.9	559.9	70.5	54.
55-5	135-3	16855.5	100.0	-71.0	-59.9	99.9	99.9	99.9	99.9	390.2	399.9	99.9	559.9	99.9	99.9
99.9	99.9	99.9	50.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 24  
CHICASHA, CRLANORA  
7 JUNZ 1979  
1106 GMT

TIME MIN	CHCT	WEIGHT GPM	WZS MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG	E POT 1 DEG	MB RTO CM/SEC	RM DEG	RANGE KM	AZ DEG
0.0	10.3	353.0	900.0	27.0	21.3	180.0	1.0	0.0	1.0	290.2	343.9	10.9	90.0	0.0	0.0
00.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.0	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02.0	11.3	444.9	970.0	22.2	21.9	191.8	15.2	3.1	14.9	300.7	347.4	17.7	52.4	0.2	11.0
03.0	13.7	678.3	925.0	22.5	20.7	204.0	20.5	9.0	18.4	302.3	347.3	16.9	89.9	0.9	15.0
04.0	16.1	917.9	900.0	23.1	18.1	221.9	24.1	16.1	17.9	305.3	349.3	14.8	74.0	1.9	26.0
05.0	19.6	1165.7	875.0	24.8	10.3	227.2	21.6	15.8	11.7	210.2	341.4	11.0	45.7	3.0	34.0
06.0	21.1	1420.6	850.0	24.7	10.3	228.6	18.1	13.5	11.9	212.0	338.6	9.4	40.4	4.0	37.0
07.0	23.6	1681.5	825.0	22.4	9.0	227.7	14.2	12.0	10.9	212.2	336.7	8.6	41.3	4.6	39.0
08.0	26.1	1949.4	800.0	20.1	6.8	235.9	19.1	12.4	8.5	212.8	338.1	8.9	47.9	5.6	41.0
09.0	28.6	2221.9	775.0	17.7	4.2	242.3	15.4	13.7	7.2	212.8	339.2	8.9	53.8	6.5	43.0
10.0	31.1	2501.3	750.0	15.6	5.8	242.9	15.2	13.5	6.9	213.2	335.9	7.8	52.1	7.4	46.0
11.0	33.6	2787.7	725.0	12.9	4.3	241.6	15.7	13.8	7.5	213.8	336.6	7.2	56.0	8.3	48.0
12.0	36.7	3081.5	700.0	10.1	3.4	245.8	16.1	14.7	6.6	213.4	334.4	7.1	64.3	9.2	49.0
13.0	39.4	3381.1	675.0	7.3	4.2	246.4	15.4	15.3	3.7	213.8	336.1	7.7	80.9	10.2	51.0
14.0	42.2	3653.1	650.0	4.6	2.7	265.6	14.8	14.8	1.1	214.2	339.1	7.2	87.1	11.1	54.0
15.0	45.1	4012.2	625.0	3.2	-0.9	276.0	12.4	12.3	-1.3	216.3	325.7	5.1	40.6	11.8	56.0
16.0	48.0	4342.3	600.0	2.2	-30.1	289.3	9.2	8.7	-3.0	310.3	320.5	0.5	6.9	12.3	59.0
17.0	51.0	4686.1	575.0	-0.3	-20.6	295.9	8.3	8.0	-2.3	310.4	323.6	1.3	20.1	12.7	61.0
18.0	54.0	5037.7	550.0	-2.3	-35.5	295.9	9.3	9.0	-2.6	321.4	322.4	0.3	5.7	13.1	63.0
19.0	57.1	5404.8	525.0	-5.2	-50.3	278.3	10.4	10.3	-1.5	222.1	323.3	0.3	6.7	13.7	65.0
20.0	60.3	5790.1	500.0	-8.1	-56.3	264.3	10.9	10.8	1.1	323.2	326.2	0.9	21.3	14.5	66.0
21.0	63.6	6182.9	475.0	-10.6	-75.9	266.9	11.7	11.7	0.6	323.5	326.2	1.0	28.1	15.4	67.0
22.0	66.9	6557.3	450.0	-12.4	-84.2	293.9	9.8	9.5	-2.4	327.7	328.1	0.1	3.2	16.3	69.0
23.0	70.6	7031.9	425.0	-15.2	-93.6	277.9	10.2	10.1	-1.4	329.2	330.4	0.3	9.5	17.1	71.0
24.0	74.0	7487.0	400.0	-18.3	-95.8	272.0	11.4	11.4	-0.4	331.1	331.8	0.2	6.8	18.1	72.0
25.0	77.7	7965.4	375.0	-21.9	-96.4	270.0	11.4	11.4	-0.0	332.4	333.2	0.2	8.7	19.3	74.0
26.0	81.5	8469.6	350.0	-25.2	-90.3	258.1	11.9	11.7	2.5	336.7	335.2	0.1	7.5	20.6	76.0
27.0	85.4	9003.7	325.0	-28.9	-97.5	251.3	19.2	18.9	6.3	330.6	337.2	0.1	8.2	22.4	78.0
28.0	89.7	9572.7	300.0	-31.5	-94.4	242.9	31.9	30.4	9.4	341.6	341.3	0.1	8.2	25.6	74.0
29.0	94.0	10130.3	275.0	-35.0	-97.4	256.7	42.3	44.1	10.4	348.2	344.7	0.1	8.0	31.0	74.0
30.0	97.7	10943.1	250.0	-39.0	-99.9	256.6	51.4	49.5	13.7	348.7	349.9	0.1	99.9	37.4	74.0
31.0	103.6	11553.6	225.0	-45.8	99.9	256.0	50.7	48.0	14.0	348.8	349.8	0.1	99.9	44.1	74.0
32.0	109.8	12129.9	200.0	-50.4	99.9	249.3	49.2	46.1	17.2	353.6	349.9	0.1	99.9	50.6	74.0
33.0	116.5	13187.1	175.0	-57.4	99.9	246.0	46.2	42.2	18.8	355.2	349.9	0.1	99.9	55.7	73.0
34.0	123.8	14146.2	150.0	-63.8	99.9	240.6	37.7	35.5	12.5	360.1	349.9	0.1	99.9	74.2	72.0
35.0	132.7	15251.5	125.0	-68.4	99.9	255.4	32.98	31.8	8.3	371.1	349.9	0.1	99.9	82.0	73.0
36.0	141.7	16558.6	100.0	-67.5	99.9	99.9	99.9	99.9	99.9	399.3	349.9	0.1	99.9	99.9	99.9
37.0	151.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0.1	99.9	99.9	99.9
38.0	161.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0.1	99.9	99.9	99.9
39.0	171.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0.1	99.9	99.9	99.9
40.0	181.9	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0.1	99.9	99.9	99.9

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 12 DEG  
6 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE 5  
OF POOR QUALITY

STATION NO. 24  
 CHICKASAW, OKLAHMA

 7 JUNE 1979  
 1405 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U CCOMP M/SEC	V COMP M/SEC	POT 1 DEG K	E POT 1 DEG K	M3 RTD G/KG	RM PCY	RANGE KM	AZ DEG
0.0	10.5	333.0	941.2	25.7	22.0	180.0	3.0	3.0	5.0	302.3	349.0	17.6	80.0	0.0	0.
00.9	90.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	90.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	11.7	486.7	950.0	28.8	21.0	193.4	18.6	3.4	18.2	302.4	349.2	17.6	83.4	0.3	5.
1.1	16.1	690.8	925.0	22.4	20.0	200.3	17.3	5.3	14.4	302.2	347.5	17.0	90.7	0.8	12.
1.8	16.6	929.7	900.0	20.6	19.7	215.7	15.4	9.7	13.5	302.6	346.4	16.4	94.7	1.4	16.
2.4	19.2	1173.7	875.0	18.9	15.8	227.8	15.1	14.1	12.8	303.2	339.3	13.3	93.5	2.0	26.
3.5	21.7	1425.0	850.0	24.3	3.1	230.4	16.1	14.0	11.9	311.7	326.3	5.7	25.4	3.3	36.
4.6	24.3	1685.5	825.0	21.2	0.4	227.0	16.1	11.7	11.0	313.1	327.3	4.8	22.2	4.4	40.
5.5	27.3	1932.3	800.0	21.2	-1.3	224.1	15.8	10.8	11.2	313.7	326.7	4.4	22.1	5.3	40.
6.4	29.6	2225.9	775.0	19.0	-0.2	228.8	15.6	11.8	10.3	314.2	328.7	4.9	27.5	6.0	41.
7.2	32.2	2506.0	753.0	16.6	1.7	231.7	15.2	11.9	9.4	314.6	331.7	5.8	36.5	6.8	42.
8.0	34.9	2793.8	725.0	14.4	0.3	233.3	13.2	10.4	7.9	315.3	331.3	5.4	37.8	7.5	43.
9.0	37.7	3089.0	703.0	11.8	0.1	235.6	11.6	9.7	6.6	319.2	331.9	5.5	44.7	8.2	44.
10.0	40.5	3382.2	675.0	9.2	1.4	242.5	11.1	8.2	5.1	316.0	334.6	6.3	57.9	8.9	45.
11.1	43.3	3704.2	650.0	7.4	-2.4	256.9	10.4	10.1	2.4	317.2	332.2	5.0	49.8	9.5	47.
12.2	46.3	4025.8	625.0	4.5	-6.0	265.9	5.5	5.5	0.7	317.6	329.5	3.9	46.2	10.0	49.
13.3	49.3	4356.8	600.0	1.6	-7.8	267.2	8.0	8.0	0.4	318.6	329.1	3.6	50.2	10.5	51.
14.5	52.3	4659.5	575.0	1.2	-9.2	256.2	7.5	7.2	1.8	321.4	321.7	0.1	1.0	10.9	53.
15.6	55.4	5384.0	550.0	-1.7	-11.0	246.3	6.4	7.7	3.4	322.1	322.4	0.1	1.0	11.5	53.
16.9	58.6	5422.7	525.0	-4.8	-13.0	252.5	7.5	7.2	2.3	322.7	322.9	0.1	1.0	12.1	54.
19.2	61.7	5494.2	500.0	-7.3	-16.5	262.1	7.3	7.2	1.8	324.1	324.3	0.3	1.0	12.6	55.
19.5	63.1	6201.2	475.0	-10.3	-16.5	276.4	7.1	7.1	-0.8	325.2	325.3	0.0	1.0	13.1	56.
21.9	65.5	6618.1	450.0	-12.2	-17.7	291.8	6.2	5.6	-2.3	327.9	328.0	0.0	1.0	13.4	56.
22.4	72.0	7359.1	425.0	-15.2	-19.6	285.6	6.2	6.3	-1.8	329.2	329.6	0.0	1.0	13.7	60.
23.0	75.7	7598.4	400.0	-17.6	-21.1	289.3	7.6	7.6	0.1	332.2	332.3	0.0	1.0	14.3	61.
25.3	79.3	7986.4	375.0	-21.0	-23.2	249.8	6.7	6.1	3.0	333.2	333.5	0.0	1.0	14.9	62.
26.0	83.3	8492.3	350.0	-24.7	-25.7	238.9	10.4	9.3	5.6	335.2	335.6	0.0	1.0	15.8	62.
29.5	87.3	9327.3	325.0	-28.3	-28.1	233.3	18.8	15.0	7.5	337.2	337.7	0.0	1.0	17.1	62.
30.1	91.5	9582.3	300.0	-30.7	-29.4	292.4	28.9	23.8	7.5	342.1	342.1	0.0	1.0	18.1	63.
32.0	96.0	10211.1	275.0	-35.0	-32.5	298.2	33.2	32.5	6.6	344.6	344.6	0.0	1.0	22.2	65.
36.1	100.6	10810.0	250.0	-39.7	-39.0	257.3	38.6	38.7	8.7	347.1	349.0	99.9	99.9	26.7	67.
36.2	105.6	11502.7	225.0	-43.2	-39.9	253.4	38.7	37.1	11.1	349.3	349.9	99.9	99.9	31.9	69.
38.9	111.0	12360.5	200.0	-48.0	-45.3	246.3	36.4	33.3	15.6	353.1	359.9	99.9	99.9	37.7	69.
41.6	116.8	13220.5	175.0	-54.8	-50.9	245.6	36.2	33.0	15.0	356.1	359.9	99.9	99.9	43.7	68.
44.6	127.0	14170.5	150.0	-64.4	-59.4	254.4	32.2	31.1	8.7	359.2	359.9	99.9	99.9	50.0	68.
48.1	133.0	15282.3	125.0	-68.3	-59.9	257.1	25.9	25.3	5.8	371.3	369.0	99.9	99.9	54.3	69.
52.2	136.0	16429.5	100.0	-67.0	-59.9	99.9	99.9	99.9	99.9	368.2	369.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

 0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG  
 0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 24  
CHICKASHA, OKLAHOMA  
7 JUNE 1979  
1705 GMT

TIME MIN	CHYCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIM DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MM WTD CM/KG	MM PCT	RANGE KM	AZ DEG
0-0	9-7	393-0	561-7	29-3	20-1	180-0	7-0	0-0	7-0	306-1	348-4	15-6	87-0	0-0	0-
00-0	90-9	99-9	1000-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
00-0	90-9	99-9	975-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
0-2	13-9	462-1	550-0	28-0	20-4	193-0	16-9	4-6	16-4	305-0	349-3	16-2	63-5	0-4	12-
1-2	13-2	654-9	525-0	26-1	19-7	157-6	15-9	4-6	15-1	306-0	348-9	15-9	64-0	1-0	14-
2-2	15-6	980-2	500-0	23-6	19-2	193-5	13-3	4-5	12-6	305-5	348-6	15-0	76-2	1-9	17-
3-1	18-0	1186-1	875-0	21-1	19-5	203-2	14-2	5-8	13-0	305-7	347-9	15-6	85-1	2-6	18-
4-1	20-5	1437-6	850-0	20-6	16-3	218-5	17-9	10-9	13-7	307-1	346-1	14-0	78-2	3-5	21-
5-1	22-9	1657-1	825-0	22-1	8-1	221-6	15-4	12-9	14-5	311-4	335-6	8-3	40-8	4-6	27-
6-1	25-6	1874-2	800-0	21-1	6-8	220-2	15-4	10-2	12-1	313-7	332-2	7-6	35-6	5-7	29-
7-2	29-0	2318-2	775-0	19-6	4-9	220-6	16-1	12-2	10-6	316-5	335-4	7-0	39-0	6-7	31-
8-1	33-6	2519-6	750-0	17-3	3-1	232-3	14-9	12-5	8-0	315-4	334-2	6-4	38-7	7-5	34-
9-1	37-2	2714-0	750-0	15-0	1-7	235-3	14-4	11-8	6-3	316-0	333-7	6-0	40-4	8-2	36-
10-1	35-9	3103-9	700-0	12-4	0-7	230-2	12-7	10-6	7-1	316-2	333-4	5-0	44-6	9-0	39-
11-2	34-6	3407-7	675-0	5-7	0-8	240-2	11-3	9-8	5-6	316-5	334-4	6-0	53-7	9-7	30-
12-1	41-3	3720-5	650-0	7-0	-0-0	246-4	10-0	9-2	4-0	317-0	335-4	5-9	51-8	10-3	41-
13-1	44-2	4320-8	625-0	5-2	-3-7	250-0	7-3	7-1	1-8	318-4	332-2	4-7	52-5	10-7	42-
14-2	47-1	4744-4	600-0	2-1	-6-2	261-0	5-5	5-4	0-8	318-0	330-9	4-0	53-8	11-1	43-
15-3	50-0	4716-6	575-0	-0-5	-11-7	262-2	4-5	4-5	0-6	319-4	328-3	2-0	44-3	11-3	44-
16-4	53-0	5270-1	550-0	-2-2	-21-8	249-7	5-6	5-3	2-0	320-2	324-3	1-2	22-1	11-6	45-
17-6	56-1	5436-9	525-0	-5-1	-34-0	238-4	6-6	5-6	3-3	322-1	323-7	0-4	8-1	12-0	46-
18-0	59-3	4816-0	500-0	-6-5	-37-0	232-9	5-9	4-7	3-5	325-1	325-3	0-3	6-7	12-5	46-
20-3	62-5	6180-6	475-0	-8-4	-37-6	218-2	5-5	3-3	4-5	327-6	326-8	0-3	7-3	13-0	46-
21-9	65-8	6335-9	450-0	-11-0	-39-0	217-6	7-0	4-3	5-5	329-4	330-4	0-3	7-8	13-5	46-
23-2	69-3	7072-5	425-0	-13-8	-40-7	227-5	8-3	6-1	5-1	331-2	332-2	0-3	8-2	14-2	46-
24-8	72-7	7530-0	400-0	-17-2	-43-2	243-8	9-7	8-0	4-1	332-4	333-4	0-2	8-3	15-0	46-
26-3	76-4	8111-1	375-0	-20-6	-46-4	263-4	10-7	10-6	1-2	334-4	335-0	0-2	7-7	15-8	48-
27-9	80-2	8517-4	350-0	-24-9	-49-7	262-6	15-2	5-1	2-0	335-7	336-2	0-1	8-5	16-7	50-
29-6	84-0	9054-3	325-0	-26-2	-50-4	250-2	24-6	23-1	8-3	340-0	341-1	0-1	8-1	18-5	53-
31-6	83-2	9830-2	300-0	-29-4	-52-6	251-2	33-4	31-7	10-8	344-0	344-4	0-1	8-4	21-5	55-
33-3	92-5	10245-3	275-0	-34-8	-56-3	253-9	38-0	36-9	9-3	344-5	345-1	0-1	9-0	25-4	58-
35-3	97-5	10902-8	250-0	-39-7	-59-9	254-5	44-2	42-6	11-8	347-0	347-2	0-0	9-5	30-2	61-
37-3	101-8	11614-6	225-0	-44-7	99-9	243-3	45-3	42-4	16-0	350-0	349-9	99-9	950-9	35-7	63-
39-6	107-0	12591-3	200-0	-51-2	59-9	243-9	42-3	37-9	18-0	351-7	349-9	99-9	550-9	41-7	63-
41-9	112-8	13460-9	175-0	-58-0	99-9	243-8	42-2	37-8	18-6	354-2	349-9	99-9	550-9	47-3	63-
44-3	118-8	14201-8	150-0	-64-0	99-9	250-5	40-0	37-7	13-4	358-0	349-9	99-9	550-9	53-7	64-
47-6	125-5	15104-4	125-0	-69-1	59-9	253-2	26-1	27-9	8-4	371-3	349-9	99-9	550-9	59-9	65-
50-0	131-3	16068-4	100-0	-69-2	59-9	59-9	99-9	99-9	99-9	366-1	349-9	99-9	550-9	99-9	99-9
99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN A AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 24  
CHICKASHA, OKLAHOMA  
7 JUNE 1970  
2017 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW P. DEG C	DIA DB	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT H DEG K	E POT T DEG K	W P RTO GHR/KG	RM PCT	RANGE MM	AZ DEG
0-0	9-4	323-0	942-0	32-0	21-2	170-0	7-0	-1-2	0-9	308-0	350-4	10-0	53-0	0-0	0-
00-9	90-9	99-9	1000-0	00-9	00-9	00-9	00-9	00-9	00-9	99-5	999-9	00-9	990-9	990-9	999-9
00-9	90-9	99-9	975-0	00-9	00-9	00-9	00-9	00-9	00-9	99-5	999-9	00-9	990-9	990-9	999-9
5-4	10-4	666-3	950-0	30-9	22-7	181-4	10-7	0-4	10-7	308-2	359-3	10-7	62-0	0-5	3-
1-3	12-5	705-3	925-0	20-0	21-0	180-3	10-0	2-3	13-8	308-4	355-5	17-3	64-2	1-1	6-
2-4	14-7	900-1	900-0	20-0	20-2	199-2	11-9	3-9	13-3	308-4	354-0	10-0	60-3	1-9	9-
3-4	16-9	1197-0	875-0	20-3	18-3	205-0	15-1	6-4	13-7	309-6	351-3	15-4	69-3	2-6	12-
4-2	18-2	1422-1	850-0	21-4	12-5	209-1	16-1	7-0	14-0	310-6	341-4	10-9	50-0	3-4	16-
4-8	21-7	1713-2	825-0	21-3	7-9	208-3	15-3	7-2	12-4	314-2	336-6	8-2	37-5	4-1	18-
5-5	23-7	1881-0	800-0	21-7	6-6	212-1	14-6	7-8	12-4	314-2	336-6	7-7	37-5	4-7	19-
6-3	26-0	2257-6	775-0	20-4	5-0	224-0	10-1	10-1	10-4	315-7	336-6	7-1	36-3	5-3	22-
7-0	29-4	2537-6	750-0	18-2	2-9	227-7	10-4	10-7	9-7	316-4	335-1	6-3	36-1	5-9	25-
8-1	32-8	2828-0	725-0	15-1	1-2	229-1	10-4	10-1	8-7	316-4	333-2	5-8	36-4	6-7	2-
9-4	35-7	3122-8	700-0	12-6	0-4	229-9	10-6	11-2	9-4	316-4	333-2	5-8	36-4	7-5	32-
10-1	38-7	3476-7	675-0	5-5	-0-3	228-6	12-1	6-1	8-0	316-2	332-9	5-6	30-3	8-3	32-
11-4	40-7	3719-3	650-0	4-6	-2-3	222-3	9-4	6-4	7-0	317-7	333-2	5-0	47-7	9-0	33-
12-5	43-2	4061-6	625-0	4-6	-5-2	216-0	6-7	4-0	5-4	317-7	333-2	4-2	49-0	9-6	36-
13-0	43-3	4301-0	600-0	7-5	-7-4	231-1	4-4	3-4	2-7	319-6	330-3	3-7	47-9	10-0	34-
14-9	46-0	4735-5	575-0	-0-4	-9-7	253-3	4-5	4-3	1-3	319-5	329-4	3-2	49-2	10-2	34-
16-7	49-8	5095-8	550-0	-2-0	-24-0	251-4	5-2	5-2	1-0	321-7	325-2	1-0	17-2	10-9	36-
17-6	51-6	5459-2	525-0	-3-5	-29-3	244-1	5-1	4-6	2-2	324-2	326-5	0-4	11-3	10-9	37-
18-9	54-4	5822-3	500-0	-6-8	-31-7	232-3	4-3	3-4	2-6	324-7	326-5	0-5	11-6	11-2	38-
20-1	57-3	6240-7	475-0	-6-8	-33-5	230-0	3-2	2-5	2-1	326-6	327-6	0-5	12-6	11-8	38-
21-5	60-4	6650-1	450-0	-12-3	-36-7	237-0	9-3	6-5	2-9	329-9	330-9	0-3	9-9	12-3	39-
22-0	63-4	7090-0	425-0	-14-6	-39-7	235-5	7-2	6-5	4-4	329-9	330-9	0-3	9-9	12-3	39-
24-7	66-0	7566-3	400-0	-18-3	-40-3	235-5	10-5	8-6	5-9	331-2	332-2	0-3	12-6	13-1	40-
25-9	69-9	8055-6	375-0	-20-8	-41-9	232-7	10-6	13-2	10-1	334-1	339-1	0-3	13-0	14-2	41-
27-3	73-3	8531-6	350-0	-23-7	-43-6	235-0	27-6	22-6	15-8	336-2	337-6	0-2	14-0	16-2	43-
29-1	76-9	9072-5	325-0	-25-4	-46-8	242-3	30-1	30-2	15-9	341-7	342-4	0-2	14-0	16-2	43-
31-0	80-6	9687-9	300-0	-30-3	-49-9	240-4	33-5	33-0	13-1	342-7	343-2	0-1	12-6	19-5	45-
32-9	84-5	10259-5	275-0	-36-3	-53-3	247-5	30-8	34-0	10-1	342-7	343-1	0-1	15-2	23-2	49-
35-0	88-7	10916-4	250-0	-45-4	-59-9	241-3	41-6	34-9	20-0	346-6	349-9	0-9	99-9	3-2	54-
37-0	91-0	11625-4	225-0	-45-4	-59-9	239-5	40-3	34-9	23-5	349-6	349-9	0-9	99-9	3-2	55-
39-7	97-6	12400-3	200-0	-51-7	-59-9	241-2	45-4	40-1	22-1	350-5	349-9	0-9	99-9	4-4	55-
41-8	102-8	13222-2	175-0	-55-2	-59-9	240-3	30-8	34-5	15-3	352-3	349-9	0-9	99-9	4-4	55-
44-3	109-3	14708-8	150-0	-63-4	-69-9	240-7	33-8	31-1	13-4	350-2	349-9	0-9	99-9	4-4	55-
46-9	114-3	15315-1	125-0	-68-2	-69-9	242-8	22-9	22-9	11-7	351-4	349-9	0-9	99-9	4-4	55-
50-0	121-3	16866-2	100-0	-71-3	-59-9	240-9	99-9	99-9	99-9	349-9	349-9	0-9	99-9	4-4	55-
99-9	99-9	99-9	75-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
99-9	99-9	99-9	50-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
99-9	99-9	99-9	25-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE CP TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 24  
CHICKASAW, OKLAHOMA  
7 JUNE 1979  
2305 GMT

TIME MIN	CNCT	HEIGHT CM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG C	E POT T DEG C	WIND CM/SEC	RM PCT	RANGE M	AZ DEG
0.0	9.0	393.0	962.0	31.7	21.2	180.0	8.0	-1.7	4.7	389.2	359.1	16.0	54.0	0.0	0.
0.0	9.0	99.0	1000.0	99.0	59.0	99.0	96.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.0	9.0	99.0	975.0	99.0	59.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.0	10.0	468.3	950.0	31.1	20.2	175.0	20.0	-1.0	20.0	388.8	344.3	20.4	66.0	0.3	359.
1.2	11.3	708.1	950.0	28.8	22.8	180.3	14.0	0.1	14.0	388.8	344.3	19.2	69.0	1.1	357.
2.0	15.0	950.3	950.0	26.7	22.1	187.1	14.0	1.0	14.0	389.2	350.0	19.0	75.0	1.7	360.
2.0	15.0	1199.5	875.0	24.4	19.8	180.0	16.4	3.1	16.2	389.2	350.0	19.0	75.0	2.0	3.
3.0	20.0	1453.9	850.0	22.7	17.9	180.0	15.0	4.5	14.0	311.0	252.4	15.0	74.1	3.4	5.
4.5	22.0	1714.3	825.0	21.9	11.9	207.0	10.0	7.0	14.0	311.0	252.4	15.0	74.1	4.1	8.
5.3	25.2	1982.2	800.0	22.2	9.2	220.2	15.3	9.0	11.7	315.7	341.2	9.2	43.4	4.7	12.
6.0	27.7	2257.5	775.0	20.3	7.6	231.5	11.0	9.3	7.4	315.7	341.2	9.2	43.4	5.3	16.
6.0	30.3	2535.7	750.0	18.1	5.7	234.5	10.5	8.3	6.1	316.2	348.7	7.7	44.2	5.7	19.
7.0	32.9	2828.8	725.0	15.8	2.4	235.8	11.1	9.0	6.6	316.3	353.1	6.3	41.4	6.2	22.
8.5	35.5	3125.5	700.0	13.1	0.7	235.7	11.2	9.3	6.3	317.0	353.1	5.0	42.7	6.7	25.
9.5	38.1	3430.0	675.0	10.6	-0.4	240.3	8.7	7.6	4.3	317.6	353.1	5.5	46.2	7.2	27.
10.7	42.9	3743.1	650.0	7.0	-0.3	240.7	8.0	7.4	2.9	317.6	353.1	4.3	42.1	7.6	30.
11.7	47.7	4055.1	625.0	4.0	-0.9	250.0	7.4	7.2	1.0	318.1	359.3	3.6	41.9	8.0	32.
12.0	48.3	4368.6	600.0	1.0	-0.4	261.7	5.3	5.2	0.0	318.4	359.3	3.1	42.7	8.3	36.
14.1	49.4	4738.1	575.0	-0.5	-1.0	251.7	5.3	5.3	1.3	319.5	359.3	1.6	25.5	8.5	36.
15.2	52.3	5052.7	550.0	-2.1	-21.3	235.0	7.1	5.8	4.0	321.6	359.3	1.3	21.4	8.9	37.
16.2	55.3	5360.6	525.0	-4.7	-22.1	227.8	6.7	4.9	4.5	322.6	359.3	1.2	24.2	9.3	38.
17.5	59.4	5642.5	500.0	-7.0	-23.7	226.5	4.9	3.3	3.1	323.6	359.3	1.1	26.0	9.8	38.
18.3	61.6	5840.1	475.0	-9.7	-25.1	226.9	6.0	1.4	4.1	326.6	359.3	1.0	28.0	10.1	39.
20.4	64.9	6055.7	450.0	-11.8	-27.9	230.6	18.0	0.0	0.0	328.6	359.3	0.9	24.2	10.4	3.
21.5	68.1	7081.8	425.0	-14.2	-29.6	240.4	14.0	12.0	0.0	330.7	359.3	0.8	25.5	11.0	41.
23.3	71.7	7568.3	400.0	-18.0	-32.9	240.4	21.0	18.0	9.3	331.6	359.3	0.6	25.5	13.2	43.
24.7	75.2	8028.4	375.0	-20.3	-35.6	236.0	28.0	24.0	16.0	334.7	359.3	0.5	23.8	15.3	48.
26.6	78.9	8538.2	350.0	-22.4	-34.2	236.0	30.0	26.0	15.0	339.3	359.3	0.4	22.4	18.7	48.
29.4	82.0	9077.6	325.0	-24.9	-41.0	240.4	33.2	29.0	15.0	339.3	359.3	0.3	24.8	22.1	50.
30.3	86.8	9440.2	300.0	-32.5	-44.7	240.4	30.0	30.0	15.0	339.3	359.3	0.2	27.0	25.8	52.
32.3	91.2	10234.4	275.0	-37.7	-48.1	500.0	99.0	99.0	99.0	360.3	359.3	0.2	28.9	29.9	99.
39.0	99.9	99.0	250.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
39.0	99.9	99.0	225.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
39.0	99.9	99.0	200.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
39.0	99.9	99.0	175.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
39.0	99.9	99.0	150.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
39.0	99.9	99.0	125.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
39.0	99.9	99.0	100.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
39.0	99.9	99.0	75.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
39.0	99.9	99.0	50.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
39.0	99.9	99.0	25.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
39.0	99.9	99.0	0.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 23  
CHILDRESS, TEXAS  
7 JUNE 1979  
1105 GMT

TIME MIN	CNTCT	WEIGHT GPH	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT E DEG R	E POT V DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	12.5	596.0	932.1	21.7	16.2	190.0	8.2	1.4	8.1	300.2	334.5	12.6	71.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	55.5	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	96.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	13.2	662.8	925.0	23.0	17.8	217.6	18.1	11.0	14.3	302.2	340.4	14.0	12.4	0.4	27.
1.1	13.5	902.5	900.0	23.1	15.6	224.7	21.5	11.2	15.3	305.4	339.6	12.5	62.7	1.1	35.
2.0	13.9	1150.0	875.0	26.9	15.6	236.6	24.1	20.2	13.3	311.7	339.6	9.9	36.5	2.2	44.
2.9	23.3	1405.9	850.0	25.0	9.8	247.7	20.7	18.6	8.5	312.5	339.6	9.0	37.1	3.6	50.
4.0	23.8	1667.8	825.0	24.6	8.7	251.7	18.5	17.6	5.8	314.5	339.6	8.6	36.4	4.7	55.
5.0	25.2	1936.9	800.0	22.8	7.2	252.0	16.4	15.7	4.9	315.2	339.6	8.0	36.5	5.7	58.
6.1	27.7	2212.2	775.0	20.2	5.9	254.7	15.1	14.6	4.0	315.2	337.6	7.6	36.3	6.7	61.
7.1	33.2	2494.1	750.0	17.0	5.2	258.0	13.5	13.3	2.6	315.5	337.6	7.4	43.4	7.5	62.
8.1	33.8	2782.9	725.0	15.3	4.5	256.6	11.6	11.3	2.7	316.2	337.6	7.3	46.3	8.3	64.
9.2	35.4	3079.4	700.0	13.1	1.9	255.1	9.0	8.7	2.3	317.1	335.7	6.3	46.3	8.9	65.
10.2	35.1	3324.1	675.0	10.3	1.2	260.3	6.0	8.8	1.5	317.2	335.6	6.2	52.9	9.4	65.
11.2	43.8	3697.3	650.0	7.7	1.0	264.9	3.9	9.5	0.8	317.7	336.5	6.4	62.4	10.4	66.
12.3	43.6	4019.5	625.0	4.0	-2.9	270.7	6.9	6.8	-1.0	317.5	336.5	5.0	57.4	10.5	68.
13.4	43.4	4350.9	600.0	1.8	-5.9	280.3	5.5	4.8	-2.6	318.2	330.7	4.1	56.7	10.8	69.
14.6	43.3	4657.5	575.0	-1.2	-9.5	314.6	6.2	4.4	-4.4	318.2	329.3	3.5	57.5	11.0	71.
15.7	52.2	5045.6	550.0	-3.3	-16.6	307.8	7.7	6.1	-4.7	320.2	324.5	2.0	35.8	11.2	73.
16.9	55.3	5412.3	525.0	-5.1	-30.3	300.4	8.0	7.6	-4.4	322.2	324.5	0.6	11.7	11.6	75.
18.3	58.4	5763.7	500.0	-7.4	-31.5	293.2	6.5	5.8	-2.7	324.2	325.9	0.4	11.9	12.1	77.
19.6	61.6	6191.1	475.0	-10.0	-33.9	315.3	3.5	2.5	-2.5	325.2	327.3	0.4	11.9	12.5	79.
21.0	64.9	6605.9	450.0	-12.4	-33.7	374.8	2.6	1.5	-2.1	327.4	329.1	0.5	15.1	12.5	79.
22.6	68.1	7035.6	425.0	-19.4	-40.2	308.4	3.0	2.3	-1.8	329.0	329.0	0.3	10.0	12.6	80.
24.2	71.7	7491.7	400.0	-19.4	-38.1	280.7	3.3	3.3	-0.6	329.2	331.0	0.3	15.4	12.8	81.
25.7	75.3	7970.3	375.0	-22.9	-41.8	254.6	4.5	4.3	1.2	331.2	332.3	0.3	15.7	13.2	81.
27.5	78.2	8472.3	350.0	-26.9	-45.0	252.3	6.8	6.4	2.1	332.8	332.2	0.2	16.0	13.7	81.
29.3	81.1	9004.1	325.0	-29.7	-47.3	255.9	16.4	15.9	4.0	335.8	333.4	0.2	16.1	14.8	80.
31.3	82.2	9575.0	300.0	-30.3	-49.0	255.2	30.5	29.8	7.9	342.6	343.3	0.1	13.9	17.8	79.
33.5	91.6	10160.6	275.0	-38.0	-52.7	256.0	41.5	40.2	10.1	344.2	344.9	0.1	14.3	22.7	79.
35.6	98.2	10845.8	250.0	-45.9	-59.9	251.5	47.1	44.7	14.9	345.5	999.9	99.9	99.9	28.4	78.
38.0	101.0	11555.2	225.0	-45.0	99.9	250.7	46.1	43.5	15.2	348.2	999.9	99.9	99.9	35.3	76.
40.9	108.4	12330.4	200.0	-50.6	99.9	244.1	43.6	39.2	19.1	352.2	999.9	99.9	99.9	42.9	75.
43.8	112.3	13187.1	175.0	-58.0	99.9	242.4	41.7	37.0	19.2	356.2	999.9	99.9	99.9	49.9	73.
46.8	116.5	14142.6	150.0	-64.5	99.9	247.4	40.3	37.2	15.5	358.8	999.9	99.9	99.9	57.4	72.
50.3	125.5	15244.2	125.0	-68.3	99.9	249.2	31.7	29.6	11.3	371.4	999.9	99.9	99.9	64.7	72.
54.3	131.3	16583.0	100.0	-66.5	99.9	99.9	99.9	99.9	99.9	399.2	999.9	99.9	99.9	71.0	72.
99.9	99.9	99.9	73.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	53.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	96.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 29  
CHILRESS, TEXAS  
7 JUNE 1979  
1607 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DE C	DEW PT DE C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V OG M	E POT V OG K	MX WTD GPM/KG	RH PCF	RANGE KM	AZ DG
0.0	12.7	560.0	933.4	24.4	18.6	330.0	6.2	4.7	4.8	303.5	338.4	12.9	82.0	0.0	0-
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.2	11.5	675.7	925.0	25.0	17.4	224.3	14.3	10.0	10.2	304.5	342.0	13.7	62.0	0.5	28-
0.9	11.8	916.1	500.0	24.5	15.3	214.7	16.3	13.3	9.4	306.7	340.4	12.3	56.5	0.0	3-
1.0	12.2	1164.7	875.0	26.9	11.1	249.9	17.1	16.1	8.9	311.7	338.9	9.6	37.4	1.7	51-
2.0	23.7	1628.9	850.0	27.6	8.9	253.0	15.2	15.1	4.6	315.5	339.6	8.5	31.1	2.4	56-
3.5	23.2	1668.5	875.0	27.6	6.3	251.2	16.6	15.7	5.3	319.5	337.3	7.3	26.7	3.2	62-
4.3	29.0	1958.1	800.0	24.1	4.8	249.3	16.0	14.9	5.7	316.6	336.8	6.8	28.7	4.1	64-
5.2	29.2	2230.6	775.0	21.8	4.8	248.5	12.9	12.0	4.7	317.2	337.0	7.0	33.0	4.9	64-
6.3	30.0	2513.5	750.0	18.7	4.0	251.6	11.4	10.8	3.6	316.5	337.0	4.8	37.6	5.6	65-
7.4	33.4	2403.5	725.0	16.5	1.5	241.6	11.5	10.1	5.5	317.8	335.2	5.9	36.3	6.4	66-
8.5	36.1	3160.9	700.0	13.9	-0.2	227.8	9.7	7.2	6.5	317.5	334.1	5.4	37.8	7.1	64-
9.9	39.9	3430.3	675.0	11.4	-1.2	225.3	8.3	5.9	5.8	318.4	334.1	5.2	41.6	7.8	63-
11.1	41.7	3720.3	650.0	8.6	-1.3	234.4	7.0	5.7	4.1	318.7	334.8	5.4	49.7	8.3	62-
12.2	44.4	4043.1	625.0	5.8	-3.4	218.5	3.8	2.4	3.0	319.1	331.7	3.1	44.3	8.7	61-
13.5	47.3	4375.6	600.0	3.2	-9.6	164.3	1.6	-0.4	1.5	319.6	329.5	3.1	38.4	8.6	61-
14.0	53.3	4718.9	575.7	0.2	-13.1	201.2	2.4	0.9	2.2	320.2	327.0	2.4	36.0	8.6	60-
16.0	53.3	5073.5	550.0	-2.2	-24.8	219.1	5.0	4.3	2.6	321.8	324.6	0.9	15.7	9.1	60-
17.5	56.4	5440.9	525.0	-5.1	-28.8	253.1	5.4	5.2	1.6	322.3	324.6	0.7	13.5	9.6	60-
18.5	59.5	5827.5	500.0	-6.9	-28.0	270.7	4.3	4.3	-0.1	324.7	327.1	0.7	15.5	10.0	61-
20.0	62.6	6221.1	475.0	-9.1	-32.4	273.2	4.3	4.3	-0.2	326.7	328.6	0.5	13.0	10.2	62-
21.4	66.0	6631.4	450.0	-12.0	-31.9	258.6	3.4	3.3	0.7	328.1	330.2	0.6	17.2	10.5	63-
22.8	69.4	7071.4	425.0	-15.0	-34.9	241.3	3.3	2.9	1.6	329.4	331.5	0.5	16.4	10.8	63-
24.3	72.9	7526.7	400.0	-18.8	-38.8	241.3	4.5	4.1	2.0	330.4	331.8	0.3	15.1	11.1	63-
26.0	76.6	8088.4	375.0	-22.2	-41.9	250.0	6.9	6.8	2.4	332.2	333.1	0.3	14.8	11.7	63-
27.8	83.3	8507.7	350.0	-25.8	-45.6	259.0	16.0	9.8	1.9	334.6	334.7	0.2	13.4	12.5	64-
29.5	84.3	9042.3	325.0	-27.0	-46.5	251.9	16.7	19.9	5.2	339.5	340.2	0.2	13.6	13.8	65-
31.6	89.3	9416.5	300.0	-26.9	-44.8	248.7	27.4	29.5	10.9	343.2	343.8	0.1	13.8	16.5	65-
33.6	92.7	10231.1	275.0	-34.5	-52.3	252.6	37.1	35.4	11.1	345.2	345.7	0.1	14.3	20.5	67-
35.7	97.2	10689.0	250.0	-40.3	-59.9	250.9	43.9	41.5	14.4	346.2	346.9	99.9	99.9	25.6	68-
38.2	102.0	11601.6	225.0	-44.5	-59.9	248.8	44.3	41.3	16.8	350.2	348.9	99.9	99.9	32.5	68-
40.4	107.3	12378.9	200.0	-45.9	-59.9	243.0	40.8	36.4	18.5	353.2	349.9	99.9	99.9	39.0	68-
43.9	113.0	13239.4	175.0	-57.0	-59.9	241.0	42.8	37.4	70.8	355.5	349.9	99.9	99.9	46.6	67-
46.9	119.0	14201.1	150.0	-64.1	-59.9	250.9	37.7	35.6	12.4	359.4	349.9	99.9	99.9	54.2	66-
50.7	126.0	15307.6	125.0	-62.4	-59.9	253.6	30.7	29.0	8.5	371.2	349.9	99.9	99.9	61.3	67-
54.3	131.3	16653.5	100.0	-66.5	-59.9	99.9	99.9	99.9	99.9	399.1	349.9	99.9	99.9	66.0	68-
58.3	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
59.3	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
60.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE 13  
OF FOUR QUALITY

STATION NO. 28  
 CHILDRESS, TEXAS

 7 JUNE 1979  
 1705 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT Z DEG K	E POT Y DEG K	MM RTO GM/KG	RM PCT	RANGE AZ KM	DB DEG
0.0	12.9	596.0	934.1	31.2	15.2	230.0	6.2	4.7	4.0	310.4	343.1	11.7	38.0	9.0	0.
00.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	978.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	13.0	644.1	925.0	30.6	18.0	230.0	9.2	7.2	5.8	310.4	350.0	14.2	47.0	0.2	48.
1.0	16.3	928.6	900.0	27.2	16.0	231.5	8.6	6.9	6.5	309.4	345.1	12.8	50.1	0.5	49.
1.8	18.0	1177.4	875.0	25.0	14.5	232.9	7.5	6.0	4.5	309.4	343.1	12.0	51.9	0.9	51.
2.9	21.3	1431.3	850.0	22.8	13.1	238.9	7.9	6.8	4.1	310.6	341.4	11.2	54.2	1.4	52.
3.8	23.9	1632.1	825.0	20.6	8.4	237.5	10.9	9.2	5.9	314.4	339.0	8.5	55.8	1.8	54.
4.9	26.6	1961.7	800.0	18.1	6.6	240.5	13.4	11.6	6.6	318.5	339.3	7.7	57.3	2.7	55.
6.0	29.2	2228.1	775.0	15.7	4.7	243.1	11.9	10.6	5.4	317.2	337.8	6.9	57.6	3.6	57.
7.1	31.9	2521.4	750.0	13.7	3.0	240.2	11.5	10.0	5.7	318.0	336.9	6.3	58.9	4.3	58.
8.2	34.7	2811.7	725.0	11.8	0.3	236.3	11.5	9.6	6.4	317.6	334.2	5.4	59.4	5.0	58.
9.2	37.4	3109.4	700.0	14.2	-1.9	226.7	11.1	8.1	7.6	316.3	332.7	4.8	60.3	5.7	57.
10.2	40.2	3415.0	675.0	11.8	-3.9	218.6	10.5	6.6	6.2	315.4	331.9	4.2	61.3	6.3	56.
11.1	43.1	3725.2	650.0	8.8	-5.5	221.6	9.3	6.2	7.0	319.8	331.0	3.9	62.0	6.9	54.
12.2	46.0	4027.1	625.0	5.2	-3.2	235.0	10.2	8.4	9.9	310.1	333.1	4.8	64.2	7.5	54.
13.3	49.0	4384.5	600.0	2.9	-6.6	249.5	8.9	8.4	3.1	319.2	333.3	4.9	67.7	8.1	54.
14.4	52.1	4727.7	575.0	-0.3	-7.9	266.4	6.8	6.8	0.4	319.7	331.0	3.7	68.3	8.6	56.
15.4	55.3	5082.1	550.0	-2.7	-16.3	254.1	4.5	4.3	1.2	320.5	327.3	2.0	69.2	9.0	57.
16.9	58.4	5489.4	525.0	-4.8	-21.0	234.2	4.7	3.8	2.7	322.4	326.8	1.1	72.5	9.3	57.
18.4	61.7	5831.7	500.0	-4.5	-29.3	238.9	6.4	5.7	3.4	325.4	327.5	0.7	74.2	9.8	57.
19.4	65.0	6230.9	475.0	-6.9	-31.1	239.6	6.7	5.8	3.4	327.6	329.1	0.6	74.4	10.4	57.
21.3	68.6	6647.7	450.0	-11.1	-34.3	234.5	5.5	4.4	3.2	329.8	331.0	0.5	74.6	10.9	57.
22.7	72.1	7093.8	425.0	-14.3	-36.6	239.6	6.5	5.6	3.3	330.4	331.6	0.4	74.7	11.4	57.
24.0	75.8	7500.2	400.0	-18.3	-40.1	246.4	6.0	5.8	2.4	331.2	332.3	0.3	74.7	11.9	58.
25.5	79.6	8019.5	375.0	-21.1	-42.1	236.6	5.8	4.6	3.8	333.7	334.6	0.2	74.7	12.4	58.
27.0	83.6	8525.4	350.0	-24.1	-44.4	231.8	13.7	10.7	6.5	336.3	337.1	0.2	74.7	13.1	57.
28.5	87.8	9085.3	325.0	-28.1	-45.1	240.3	12.7	10.7	12.8	342.3	343.0	0.2	74.7	13.6	57.
30.6	92.0	9681.9	300.0	-29.5	-49.4	249.0	34.0	31.8	12.2	343.5	344.5	0.2	74.7	14.8	59.
32.5	96.6	10256.2	275.0	-35.1	-52.8	249.3	35.5	33.2	12.5	344.2	344.8	0.1	74.7	15.8	59.
34.6	101.4	10913.1	250.0	-40.3	-59.9	245.4	39.2	35.7	16.3	346.1	346.1	99.9	74.7	22.7	61.
36.5	106.5	11624.3	225.0	-45.0	-59.9	240.5	42.8	38.5	20.7	348.8	348.8	99.9	74.7	27.2	62.
38.6	112.0	12402.6	200.0	-50.0	-59.9	237.6	41.2	34.8	22.1	353.7	353.7	99.9	74.7	32.0	62.
41.1	118.0	13201.3	175.0	-57.3	-59.9	236.8	40.9	34.2	22.4	359.2	359.2	99.9	74.7	37.2	61.
43.9	124.3	14218.6	150.0	-64.4	-59.9	246.1	34.0	31.9	14.1	359.1	359.1	99.9	74.7	43.4	61.
47.9	131.3	15325.2	125.0	-67.7	-59.9	247.2	28.2	24.1	10.1	372.4	372.4	99.9	74.7	55.6	61.
50.9	139.0	16601.6	100.0	-68.4	-59.9	599.9	99.9	99.9	99.9	385.7	385.7	99.9	74.7	60.2	62.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

 \* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

 CHILDRESS, TEXAS  
 7 JUNE 1979

STATION NO. 25 CHILDRESS, TEXAS														124 99. 0			
7 JUNE 1979																	
2005 GMT																	
TIME MIN	CHCT	HEIGHT GCM	PRES MB	TEMP DEG C	DEW PT DEG C	OIR C	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT 4 DEG K	E POT 7 DEG K	M3 RTO CM/KG	RM MCT	RANGE KM	AZ DEG		
0.0	12.4	596.0	934.2	34.4	13.8	230.0	7.7	5.9	4.9	313.4	244.0	10.7	29.0	0.0	0.		
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.		
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.		
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.		
7.3	13.3	695.8	925.0	33.6	18.0	269.6	5.4	5.4	0.0	313.7	253.6	14.2	39.6	0.2	78.		
1.2	15.6	932.6	900.0	30.2	16.5	261.6	4.5	4.5	0.7	312.4	350.0	13.3	43.8	0.4	83.		
2.0	18.0	1181.8	875.0	27.5	15.1	247.8	5.2	4.8	2.0	312.2	347.7	12.6	47.3	0.6	80.		
2.8	20.4	1440.4	850.0	25.2	14.6	234.5	4.3	5.1	3.7	312.5	347.9	12.4	51.0	0.9	74.		
3.8	22.9	1702.3	825.0	22.9	13.5	224.9	6.7	4.9	4.6	312.4	346.4	11.9	55.3	1.2	66.		
4.8	25.4	1963.9	800.0	20.4	12.3	211.8	5.6	6.4	7.2	312.5	345.0	11.3	59.4	1.7	60.		
6.4	27.9	2244.2	775.0	21.0	4.9	237.9	11.7	9.9	6.2	316.5	337.3	7.1	35.3	2.8	54.		
7.6	30.5	2527.9	750.0	20.0	1.4	246.6	11.1	10.2	4.4	318.2	335.3	5.7	28.6	3.6	57.		
8.5	33.1	2818.8	725.0	17.9	-0.4	243.7	10.7	9.6	4.7	319.1	333.9	4.9	31.9	4.8	59.		
9.5	35.8	3117.4	700.0	15.8	-1.6	244.2	11.1	10.0	4.9	319.1	333.9	4.9	31.9	4.8	59.		
10.5	38.5	3421.7	675.0	12.0	-2.9	244.1	10.6	9.7	4.3	319.4	333.1	4.6	35.3	5.5	59.		
11.6	41.2	3734.2	650.0	9.2	-2.3	242.9	10.1	9.7	3.0	319.4	334.5	5.0	44.1	6.1	60.		
12.7	44.0	4041.5	625.0	6.3	-4.0	261.0	9.5	9.4	1.5	319.4	333.6	4.6	47.8	5.8	62.		
13.8	46.8	4348.4	600.0	3.2	-5.4	261.7	8.4	8.3	1.2	319.4	332.9	4.3	53.5	7.3	64.		
15.2	49.4	4737.5	575.0	-0.8	-9.8	260.4	7.5	7.4	1.2	320.6	329.6	3.2	47.6	7.9	65.		
16.6	52.4	5192.2	550.0	-2.6	-15.6	256.6	5.8	5.3	1.3	321.6	327.6	2.1	36.0	8.5	61.		
18.0	55.8	5680.2	525.0	-4.4	-24.5	249.5	4.9	4.6	1.7	322.5	326.6	1.0	19.0	8.9	64.		
19.2	58.9	5842.2	500.0	-7.6	-24.1	235.9	7.1	5.9	4.0	323.4	327.5	1.1	25.0	9.3	66.		
21.0	62.1	6240.2	475.0	-9.0	-31.5	228.1	8.2	6.1	5.4	324.4	328.8	0.6	14.1	10.1	65.		
22.5	65.4	6657.3	450.0	-11.2	-34.9	220.4	8.4	5.4	6.4	325.1	330.7	0.4	12.1	10.8	64.		
24.1	68.7	7063.5	425.0	-14.2	-33.6	220.1	9.5	6.4	7.6	330.7	332.8	0.5	17.3	11.6	62.		
25.6	72.3	7550.4	400.0	-17.5	-36.3	228.3	15.0	10.8	10.4	332.4	333.8	0.4	17.6	12.6	60.		
27.3	75.9	8036.6	375.0	-20.6	-38.7	231.9	22.9	18.0	14.1	334.4	335.7	0.4	17.9	14.5	59.		
29.3	79.6	8540.0	350.0	-23.8	-42.2	236.4	27.9	23.2	15.4	336.7	340.7	0.3	13.5	17.1	58.		
30.8	83.5	9082.5	325.0	-25.2	-45.2	241.6	32.6	28.6	15.5	341.5	342.7	0.2	13.4	20.4	58.		
32.9	87.5	9657.4	300.0	-30.7	-46.8	241.1	34.5	30.2	16.6	342.1	342.8	0.2	18.7	24.5	59.		
34.9	91.8	10269.2	275.0	-35.7	-50.9	238.2	35.8	30.4	18.8	343.6	344.0	0.1	19.1	28.9	59.		
37.1	96.2	10926.4	250.0	-35.2	-59.9	236.6	37.7	31.5	20.8	347.4	349.9	59.9	99.9	33.6	59.		
39.5	101.0	11639.4	225.0	-47.3	-59.9	232.4	42.5	33.6	26.0	349.2	349.9	59.9	99.9	39.5	58.		
42.2	106.2	12415.7	200.0	-51.3	-59.9	235.7	41.4	34.2	23.3	351.2	349.9	59.9	99.9	46.2	57.		
45.2	111.8	13276.4	175.0	-57.9	-59.9	240.0	38.3	33.8	18.0	354.2	349.9	59.9	99.9	53.5	56.		
48.4	117.8	14230.0	150.0	-61.7	-59.9	238.1	29.3	24.9	15.5	360.2	349.9	59.9	99.9	60.1	58.		
51.9	124.3	15341.7	125.0	-65.8	-59.9	231.6	27.2	21.3	16.9	375.4	349.9	59.9	99.9	65.7	58.		
55.9	131.7	16674.0	100.0	-71.1	-59.9	99.9	99.9	99.9	99.9	390.2	349.9	99.9	99.9	999.9	999.		
99.9	99.9	99.9	75.0	95.9	99.9	99.9	99.9	99.9	99.9	55.5	599.8	59.9	99.9	999.9	999.		
99.9	99.9	99.9	50.0	90.9	99.9	99.9	99.9	99.9	99.9	99.9	599.9	99.9	99.9	999.9	999.		
99.9	99.9	99.9	25.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	599.9	99.9	99.9	999.9	999.		

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 9 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 25  
CHILDRESS, TEXAS  
7 JUNE 1979  
2212 GMT

TIME MIN	CNTCT	WGTGHT GPM	PRFS MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DG M	E POT 2 DG M	MX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0-0	12-9	556-0	933-0	35-4	10-4	220-0	7-7	4-9	5-9	314-7	339-4	8-6	22-0	0-0	0-
99-0	99-9	99-9	1000-0	99-9	99-9	99-9	99-9	99-9	99-9	59-5	599-9	99-9	999-9	999-9	999-9
99-0	99-9	99-9	975-0	99-9	99-9	99-9	99-9	99-9	99-9	59-5	599-9	99-9	999-9	999-9	999-9
99-0	99-9	99-9	950-0	99-9	99-9	99-9	99-9	99-9	99-9	59-5	599-9	99-9	999-9	999-9	999-9
0-3	13-0	682-2	925-0	34-9	16-2	197-7	7-4	2-3	7-1	315-0	351-1	12-7	33-0	0-2	21-
0-9	16-2	930-5	500-0	32-6	15-9	198-5	7-2	2-3	6-8	315-1	351-3	12-7	36-6	0-4	20-
1-5	19-6	1181-5	475-0	30-1	14-3	201-0	6-5	2-3	6-0	315-0	348-7	11-6	38-3	0-7	19-
2-3	21-1	1481-8	850-0	27-6	13-6	202-5	6-4	2-5	6-0	315-1	348-3	11-7	42-3	0-9	21-
2-9	23-6	1765-3	625-0	25-3	11-2	197-9	6-7	2-1	6-4	315-2	348-7	11-7	47-1	1-2	21-
3-6	26-2	1974-6	600-0	22-1	11-6	202-7	5-5	2-1	5-1	314-7	345-6	10-8	51-4	1-5	20-
4-2	28-8	2249-6	775-0	19-6	11-2	212-1	6-6	3-5	5-6	314-6	346-0	10-9	58-2	1-6	21-
4-8	31-3	2531-3	750-0	16-0	12-1	212-2	6-3	4-4	7-0	314-2	344-2	10-5	64-9	1-9	23-
5-4	34-0	2819-4	725-0	13-8	9-6	230-0	8-2	6-2	5-2	314-2	344-4	10-4	75-6	2-4	26-
7-1	36-7	3116-6	700-0	11-0	1-6	243-9	7-7	6-9	3-4	318-0	336-3	6-2	42-9	2-9	33-
9-2	39-4	3472-3	675-0	11-9	-0-6	243-4	6-2	5-6	3-4	318-5	335-3	5-4	41-9	3-3	37-
9-2	42-2	3736-7	650-0	8-9	-3-3	240-2	4-5	4-2	2-4	319-1	333-1	4-6	42-0	3-6	39-
10-2	45-1	4070-0	625-0	6-1	-4-1	244-7	4-0	3-7	1-7	319-4	333-3	4-5	48-1	3-9	41-
11-4	47-3	4392-5	600-0	2-4	-6-5	258-0	4-3	4-2	0-9	318-5	331-0	3-9	51-9	4-1	42-
12-6	51-0	4735-2	575-0	-0-0	-9-7	277-1	5-5	5-5	-0-7	319-5	329-9	3-2	48-0	4-4	46-
13-5	54-3	5099-6	550-0	-3-0	-13-7	266-0	6-0	6-0	0-4	320-2	328-1	2-4	43-3	4-7	50-
15-3	57-1	5456-4	525-0	-5-3	-24-3	247-7	7-7	7-1	2-9	322-4	325-5	1-0	20-7	5-1	52-
16-2	60-3	5418-3	500-0	-8-6	-20-0	238-8	8-1	6-9	4-2	325-0	327-2	0-6	13-6	5-7	53-
17-5	63-6	6236-7	475-0	-5-7	-33-2	215-8	9-1	7-5	5-1	326-0	327-7	0-5	12-5	6-3	54-
19-1	66-9	6652-1	450-0	-12-0	-31-6	219-1	14-0	12-0	7-2	328-2	330-3	0-6	17-7	7-4	54-
20-7	70-3	7086-2	425-0	-13-5	-35-2	245-5	21-3	19-4	6-8	331-2	333-3	0-4	14-1	9-0	56-
22-2	73-9	7466-9	400-0	-16-7	-39-8	240-4	24-1	21-0	11-9	333-2	334-5	0-3	12-6	11-2	57-
23-8	77-6	8228-4	375-0	-15-8	-41-2	233-0	29-1	23-3	17-6	335-2	336-4	0-3	12-9	13-6	57-
25-6	81-3	8517-8	350-0	-21-3	-42-4	210-8	32-7	25-4	20-7	338-2	339-8	0-3	13-9	16-9	56-
27-5	85-3	9077-9	325-0	-24-3	-43-3	232-5	32-2	28-5	19-6	340-4	341-4	0-2	18-3	20-7	55-
29-5	89-4	9450-8	300-0	-21-4	-46-4	237-0	33-1	27-4	18-5	341-2	341-9	0-2	20-9	24-4	55-
31-6	93-8	10256-9	275-0	-36-2	-50-4	233-2	36-3	27-9	23-2	342-2	343-3	0-1	21-2	29-0	55-
33-9	94-4	10716-2	250-0	-40-4	-53-9	226-7	38-3	27-9	26-3	346-0	349-9	95-9	559-9	34-0	54-
36-3	103-4	11626-2	225-0	-45-8	-54-9	229-3	39-1	29-7	25-5	348-2	350-9	95-9	559-9	39-8	53-
39-8	109-6	12401-0	200-0	-51-7	-54-9	236-7	36-9	30-5	20-8	351-0	350-9	95-9	559-9	45-6	53-
41-5	114-5	13256-8	175-0	-56-3	-54-9	233-9	38-0	30-7	22-4	357-0	359-9	95-9	559-9	51-3	53-
44-5	123-8	14217-3	150-0	-64-1	-59-9	235-3	28-0	23-1	15-9	359-7	359-9	95-9	559-9	58-3	53-
48-5	127-7	15316-1	125-0	-68-7	-59-9	232-9	28-6	22-8	17-2	370-7	370-9	95-9	559-9	63-4	53-
52-6	135-7	16447-4	100-0	-76-4	-59-9	59-9	99-9	99-9	99-9	59-5	599-9	95-9	559-9	68-7	54-
99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	59-5	599-9	95-9	559-9	99-9	99-9
99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	59-5	599-9	95-9	559-9	99-9	99-9
99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	59-5	599-9	95-9	559-9	99-9	99-9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 26  
CLINTON SHERMAN, OKLAHOMA

7 JUNE 1979  
1405 GMT

TIME MIN	CATCT	WEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	QIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG K	POT 2 DEG K	E POT 1 DEG K	M3 RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	12.9	544.0	931.4	24.4	17.6	180.0	10.3	0.0	10.3	303.6	341.0	341.0	13.7	65.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	935.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	553.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.2	13.5	644.6	925.0	23.3	17.6	190.5	13.4	2.8	13.4	303.2	340.4	340.4	13.8	70.0	0.6	6.0
1.2	15.9	866.0	900.0	22.4	16.9	203.6	18.6	6.0	17.3	304.6	341.5	341.5	13.6	71.2	1.3	11.0
7.0	14.3	1131.7	875.0	27.3	10.4	217.5	11.3	11.2	14.5	312.2	338.2	338.2	9.1	34.8	2.2	20.0
2.9	20.7	1386.5	850.0	26.4	7.6	228.1	16.6	11.2	12.3	315.9	338.6	338.6	7.8	27.0	3.1	26.0
3.9	21.2	1652.4	825.0	26.2	6.8	228.1	17.9	12.7	12.9	316.7	338.4	338.4	7.6	29.1	4.0	30.0
4.4	21.7	1922.3	800.0	24.0	5.7	226.2	17.7	12.1	12.2	316.7	337.9	337.9	7.2	30.8	5.1	33.0
5.8	24.2	2198.7	775.0	21.8	4.7	223.5	15.4	10.6	11.2	317.3	337.0	337.0	7.0	32.8	5.9	35.0
6.7	10.4	2461.7	750.0	18.9	2.5	222.1	11.7	9.8	10.9	317.3	335.3	335.3	6.1	33.4	6.8	36.0
7.7	31.4	2772.1	725.0	17.2	2.4	221.4	7.7	6.8	8.8	318.4	337.2	337.2	6.3	36.0	7.6	37.0
8.7	16.1	3070.4	700.0	14.9	1.2	221.4	6.7	6.2	6.2	319.0	336.9	336.9	6.0	39.5	8.2	37.0
9.7	31.0	3176.8	675.0	12.1	0.2	237.0	6.1	6.8	4.4	319.2	336.5	336.5	5.8	43.9	8.7	38.0
10.7	41.6	3691.6	650.0	5.1	-1.5	251.1	7.6	7.3	2.1	319.3	335.3	335.3	5.3	47.3	9.1	39.0
11.8	44.3	4315.1	625.0	6.2	-2.7	261.5	7.6	7.3	1.1	319.2	334.8	334.8	5.0	52.9	9.5	41.0
13.0	47.2	4147.6	600.0	2.9	-2.4	260.8	6.8	6.7	1.1	319.4	335.2	335.2	5.2	66.3	9.9	43.0
14.3	50.1	4693.7	575.0	-0.3	-2.2	250.7	5.4	5.2	1.2	319.6	336.7	336.7	5.7	87.2	10.6	46.0
15.5	53.1	5048.7	550.0	-2.6	-8.8	271.0	3.0	3.0	-0.1	319.6	330.9	330.9	3.6	87.2	10.6	46.0
16.9	56.3	5411.1	525.0	-5.2	-21.9	240.2	2.3	2.0	1.1	322.2	326.4	326.4	1.3	25.5	10.6	46.0
18.3	59.4	5753.4	500.0	-6.7	-29.5	235.8	6.4	5.4	3.4	324.5	327.2	327.2	0.7	14.2	11.0	46.0
19.9	62.6	6192.0	475.0	-9.0	-32.4	235.8	6.5	5.3	3.6	326.5	326.7	326.7	0.5	12.9	11.0	47.0
21.4	65.9	6608.0	450.0	-11.9	-30.0	232.7	5.8	4.6	3.5	328.2	330.7	330.7	0.7	20.7	12.2	47.0
23.2	69.3	7042.2	425.0	-15.3	-30.0	223.7	5.2	3.6	3.8	329.4	332.0	332.0	0.7	27.0	12.8	48.0
25.1	72.9	7457.1	400.0	-18.4	-33.5	218.9	4.6	2.9	3.6	331.1	333.1	333.1	0.6	25.0	13.3	47.0
26.9	76.4	7875.5	375.0	-21.9	-41.1	223.6	6.1	4.0	4.6	332.6	333.7	333.7	0.3	15.6	13.9	47.0
29.0	80.3	8479.8	350.0	-25.5	-43.9	229.4	10.0	7.6	6.5	334.4	335.2	335.2	0.2	15.9	14.6	47.0
33.9	84.2	9012.9	325.0	-29.7	-47.2	236.5	13.0	10.8	7.2	335.6	336.4	336.4	0.2	16.3	16.2	47.0
33.0	88.3	9580.3	300.0	-31.8	-48.9	236.7	23.7	19.8	13.0	335.6	341.1	341.1	0.1	16.5	19.1	48.0
35.0	92.6	10192.2	275.0	-34.5	-51.0	236.7	36.5	32.2	21.2	345.4	345.7	345.7	0.1	16.7	22.0	50.0
37.6	97.4	10952.6	250.0	-39.2	-59.9	235.4	44.2	36.4	25.1	347.7	349.9	349.9	99.9	55.9	26.2	51.0
40.2	102.4	11565.7	225.0	-45.1	-69.9	235.0	43.1	35.3	24.7	349.8	350.9	350.9	99.9	55.9	35.6	52.0
43.2	107.6	12343.3	200.0	-50.2	-79.9	235.0	41.8	32.9	25.8	353.2	359.9	359.9	99.9	55.9	42.5	52.0
46.3	113.4	13202.5	175.0	-57.2	-89.9	228.0	40.9	30.4	27.4	355.4	365.4	365.4	99.9	55.9	50.5	52.0
49.8	119.7	14162.5	150.0	-63.5	-93.9	238.6	36.9	30.1	21.4	368.4	369.9	369.9	99.9	55.9	52.0	52.0
53.4	126.7	15278.7	125.0	-65.4	-99.9	237.2	23.5	20.1	12.9	376.6	369.9	369.9	99.9	55.9	65.2	52.0
57.5	136.5	16628.0	100.0	-66.3	-99.9	99.9	99.9	99.9	99.9	390.7	369.9	369.9	99.9	55.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 26  
CLINTON SHERMAN, OKLAHOMA  
7 JUNE 1979  
1705 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG M	E POT 1 DEG K	W R TO G/M/K	RM PCT	RANGE KM	AZ DEG
0.0	12.4	984.0	933.2	30.0	16.4	180.0	8.1	0.0	4.1	308.2	344.5	12.7	44.0	0.0	0.0
00.9	08.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.9	09.9	99.9	975.0	95.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03.7	13.2	99.9	950.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05.3	13.2	682.9	925.0	26.5	18.4	180.0	8.5	0.6	8.5	308.4	348.4	14.6	54.3	0.3	352
1.1	15.5	906.1	900.0	26.3	17.5	180.0	9.2	0.7	9.2	308.4	347.5	14.1	54.3	0.6	358
1.4	17.4	1159.1	875.0	24.4	16.9	180.0	5.5	1.4	9.4	309.2	347.6	14.0	62.8	1.0	1.0
2.7	27.2	1407.5	850.0	21.2	15.7	180.0	10.8	3.6	10.1	308.4	345.2	13.4	70.9	1.5	4.0
3.4	27.6	1616.4	825.0	21.8	11.8	215.6	12.6	7.4	10.3	311.7	342.2	10.9	52.6	2.1	11.0
4.8	25.0	1915.1	800.0	24.1	6.6	215.1	15.1	9.1	12.1	316.5	339.7	7.8	32.8	3.1	21.0
5.8	27.5	2211.7	775.0	21.6	4.9	217.3	14.2	8.6	11.3	317.5	339.7	7.0	33.7	4.0	25.0
6.9	31.0	2454.6	750.0	15.5	3.0	216.2	14.0	6.2	11.3	317.2	336.7	6.4	33.5	4.4	27.0
7.9	31.6	2785.0	725.0	16.8	1.1	212.4	15.1	8.1	12.8	317.5	335.1	5.7	34.6	5.7	28.0
9.9	35.1	3082.7	700.0	14.1	-0.6	218.3	14.0	7.9	11.6	318.1	333.9	5.2	36.4	6.7	29.0
10.0	37.7	3386.6	675.0	11.7	-0.1	217.2	12.4	7.5	9.8	314.6	333.8	5.7	44.1	7.5	29.0
11.0	47.4	3702.9	650.0	9.2	-2.1	220.8	10.4	6.8	7.9	219.4	333.7	5.1	45.1	8.1	30.0
12.0	47.1	4326.4	625.0	6.5	-2.3	223.4	8.5	5.8	6.1	319.8	333.5	7.2	51.4	8.7	31.0
13.1	45.9	4359.9	600.0	3.5	-5.4	223.7	6.8	4.7	4.9	320.2	333.4	4.3	52.0	9.2	32.0
14.3	44.4	4701.7	575.0	0.4	-7.4	218.5	5.1	2.6	4.3	320.2	332.3	3.6	55.6	9.6	32.0
15.6	51.7	5048.2	550.0	-3.0	-11.7	182.5	5.4	1.7	5.1	320.2	329.5	2.9	51.1	10.0	32.0
16.9	54.7	5425.9	525.0	-4.2	-20.7	222.4	6.9	4.7	5.1	323.4	329.2	1.4	26.2	10.5	31.0
18.2	57.7	5905.8	500.0	-7.6	-26.7	213.4	7.7	6.2	4.6	326.2	329.2	0.9	17.0	11.0	33.0
19.4	63.8	6210.1	475.0	-8.4	-24.1	231.6	8.6	6.7	5.3	327.6	330.1	0.7	16.9	11.5	34.0
20.4	64.0	6626.4	450.0	-12.0	-30.6	224.2	7.8	5.4	5.6	328.1	330.5	0.7	16.5	12.2	34.0
22.3	61.3	7062.0	425.0	-14.7	-30.2	221.0	6.9	4.5	5.2	330.1	332.7	0.7	25.4	12.8	35.0
24.2	70.7	7518.2	400.0	-17.8	-34.7	223.0	8.1	5.5	5.9	331.9	333.1	0.3	14.1	13.6	35.0
25.9	74.2	7957.8	375.0	-21.3	-39.2	220.8	8.9	4.5	5.2	333.2	334.7	0.3	17.9	14.5	36.0
27.8	77.9	8402.7	350.0	-25.2	-42.4	219.3	6.7	3.6	5.6	334.6	335.7	0.3	18.2	15.1	36.0
29.7	81.7	8938.6	325.0	-27.2	-45.2	213.2	16.7	9.2	14.0	339.2	340.0	0.2	16.1	16.2	35.0
31.4	85.7	9411.0	300.0	-30.5	-47.8	224.6	27.5	19.3	19.6	342.4	343.0	0.2	16.3	17.2	36.0
34.3	89.8	10226.1	275.0	-33.8	-50.5	239.7	35.7	29.1	20.6	346.2	346.8	0.1	16.6	23.2	39.0
36.2	94.2	10746.5	250.0	-35.4	-53.9	230.8	40.6	33.2	23.4	347.2	349.9	95.9	95.9	28.3	41.0
39.3	97.0	11501.3	225.0	-44.1	-59.9	230.8	39.7	30.7	25.1	350.9	359.9	99.9	99.9	35.5	44.0
42.1	104.0	12179.8	200.0	-50.3	-64.9	223.4	41.2	26.4	29.8	353.2	359.9	99.9	99.9	42.1	44.0
45.1	107.5	13414.4	175.0	-58.2	-69.9	224.4	41.4	29.0	29.6	357.1	359.9	99.9	99.9	49.4	44.0
48.1	115.3	14205.3	150.0	-63.5	-74.9	231.1	37.8	24.4	23.7	360.2	359.9	99.9	99.9	57.4	45.0
51.7	121.6	15310.7	125.0	-66.5	-77.9	238.9	23.8	19.4	13.7	369.9	359.9	99.9	99.9	63.4	46.0
55.7	129.3	16515.3	100.0	-66.4	-94.9	99.9	99.9	99.9	99.9	369.9	359.9	99.9	99.9	99.9	99.9
59.9	99.9	99.9	75.0	-66.4	-94.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
64.9	94.9	99.9	50.0	-55.8	-59.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
69.9	99.9	99.9	25.0	-55.9	-50.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 26  
 CLINTON SHERMAN, OKLAHOMA

 7 JUNE 1979  
 2005 GMT

128 94. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG F	E POT T DEG F	WZ RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	12.6	984.0	933.0	33.7	15.2	180.0	7.7	0.0	7.7	313.8	346.2	11.7	33.0	0.0	0.0
90.9	90.9	90.9	1008.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	59.9	999.9	999.9	999.9
90.9	90.9	90.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	59.9	999.9	999.9	999.9
90.9	90.9	90.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	59.9	999.9	999.9	999.9
0.2	13.3	661.9	525.0	32.1	19.6	184.4	9.6	0.7	9.6	312.1	353.3	14.8	44.8	0.4	35.3
1.2	15.7	908.1	900.0	29.8	17.6	184.1	11.0	0.8	11.0	312.3	352.6	14.5	48.5	0.9	35.0
2.2	18.1	1159.3	875.0	27.4	16.1	184.0	11.9	0.8	11.9	312.3	349.5	13.3	50.0	1.6	1.0
3.4	20.5	1815.7	850.0	25.3	14.6	184.9	11.1	0.9	11.0	312.7	347.6	12.4	51.4	2.4	2.0
4.4	22.9	1677.5	825.0	22.9	13.0	191.1	10.9	2.1	10.7	312.2	345.4	11.6	54.0	3.0	3.0
5.1	25.5	1945.3	800.0	21.5	10.1	207.2	14.4	6.6	12.8	314.1	342.2	9.8	48.2	3.7	6.0
6.1	28.0	2220.7	775.0	21.7	6.6	212.3	14.6	7.8	12.4	317.1	340.4	7.9	37.7	4.4	10.0
7.0	31.6	2504.0	750.0	19.4	1.7	206.5	14.4	6.4	12.9	317.7	335.0	5.8	30.6	5.1	13.0
7.9	31.2	2754.5	725.0	17.6	-0.6	206.5	13.5	6.0	12.1	318.7	334.0	5.1	29.0	5.8	14.0
8.8	35.8	3092.8	700.0	15.3	-3.4	210.0	13.2	6.6	11.5	319.4	332.4	4.2	27.3	6.5	16.0
9.4	38.5	3359.2	675.0	12.0	-1.2	215.3	12.8	7.4	10.4	319.1	334.9	5.2	40.2	7.3	18.0
11.3	41.2	3713.9	650.0	9.2	-1.2	215.6	11.9	6.9	9.6	319.4	335.1	5.2	46.0	8.2	20.0
12.3	43.0	4037.1	625.0	6.3	-5.6	212.0	9.9	5.2	8.4	319.6	331.0	3.7	38.4	9.0	21.0
13.6	46.9	4370.1	600.0	3.4	-5.9	216.9	8.5	5.1	6.8	320.4	332.7	4.1	50.4	9.7	22.0
14.9	49.9	4713.5	575.0	0.4	-8.1	215.5	7.7	4.5	6.3	320.4	331.6	3.6	52.8	10.3	23.0
16.2	52.8	5064.3	550.0	-2.7	-11.8	217.9	8.1	5.0	6.4	320.5	329.8	2.8	49.4	10.9	24.0
17.5	55.9	5415.6	525.0	-4.1	-20.1	224.3	7.0	4.9	5.0	323.4	326.3	1.5	27.5	11.4	24.0
18.8	58.0	5819.5	500.0	-5.8	-24.8	222.9	7.8	5.3	5.7	328.4	329.5	1.0	20.4	11.9	25.0
20.1	60.3	6220.1	475.0	-8.0	-27.4	217.2	7.8	4.7	6.2	328.6	331.0	0.8	19.2	12.6	26.0
21.6	63.5	6637.0	450.0	-11.7	-33.7	204.2	8.8	3.6	8.1	328.4	330.6	0.7	18.8	13.3	26.0
23.1	65.9	7072.7	425.0	-14.7	-29.2	200.1	8.6	3.0	8.1	330.2	333.0	0.8	27.6	14.1	26.0
24.9	72.4	7529.2	400.0	-17.8	-36.5	201.7	8.4	3.1	7.8	331.6	333.4	0.4	17.6	15.0	26.0
26.8	76.1	8008.5	375.0	-21.4	-39.3	192.3	9.2	2.0	9.0	333.3	334.5	0.3	17.9	15.9	25.0
28.8	79.9	8514.1	350.0	-24.5	-41.6	208.8	15.4	7.4	13.5	335.6	336.8	0.3	18.2	17.0	25.0
30.3	83.7	9051.6	325.0	-26.6	-43.5	218.5	17.2	17.2	21.7	340.0	341.0	0.2	18.3	19.3	26.0
32.2	87.8	9627.8	300.0	-29.1	-45.5	222.6	32.9	22.3	24.2	344.2	345.2	0.2	18.5	22.9	26.0
34.5	92.2	10242.5	275.0	-34.7	-49.2	227.2	36.0	28.4	24.5	348.5	345.5	0.2	21.1	27.4	31.0
37.1	96.8	10900.6	250.0	-39.6	-53.3	224.5	37.5	26.3	26.7	347.2	347.6	0.1	21.5	32.9	34.0
39.1	101.8	11615.9	225.0	-42.7	-59.9	222.8	40.2	27.3	29.5	351.5	349.9	95.9	995.9	39.0	35.0
42.4	107.0	12397.1	200.0	-50.1	59.9	221.9	41.6	27.8	31.0	353.4	349.9	99.9	995.9	45.7	36.0
44.4	111.4	13256.3	175.0	-56.6	59.9	227.2	38.0	27.6	25.8	358.5	349.9	99.9	995.9	53.0	37.0
49.0	117.0	14217.7	150.0	-62.7	59.9	231.7	33.1	26.1	20.8	362.1	349.9	99.9	995.9	60.7	39.0
52.9	126.0	15329.2	125.0	-67.3	59.9	225.1	26.1	18.5	18.4	373.1	349.9	99.9	995.9	67.5	40.0
57.6	134.0	16670.4	100.0	-68.1	59.9	999.9	99.9	99.9	99.9	396.1	349.9	99.9	999.9	999.9	999.9
99.9	92.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	92.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	92.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

 0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 26  
CLINTON SHERMAN, OKLAHOMA

7 JUNE 1979  
2305 GMT

TIME MIN	CHCT	HEIGHT CM	PRES MB	TEMP DEG C	DFW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG C	E POT T DEG C	MAX WIND CM/SEC	RM PCT	RANGE KM	AZ DEG
0.0	12.7	586.0	933.3	34.0	12.3	180.0	7.7	0.0	7.7	313.9	341.6	9.7	26.0	0.0	0.0
0.9	99.9	99.9	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	13.5	645.2	925.0	34.2	15.7	180.7	12.3	1.9	12.1	314.2	349.1	12.3	31.2	0.5	0.0
1.0	15.0	912.7	930.0	32.4	14.8	180.5	13.2	1.5	13.1	314.5	348.7	11.9	34.7	0.8	9.0
2.0	14.4	1165.7	935.0	29.8	14.5	180.5	13.8	1.3	13.7	314.7	348.6	12.0	37.5	1.7	6.0
3.0	23.8	1673.7	850.0	27.2	14.3	187.8	13.8	1.0	13.6	314.6	349.2	12.2	45.2	2.6	6.0
4.0	23.4	1673.7	850.0	24.8	14.0	187.3	15.2	1.0	14.1	314.6	349.9	12.3	51.3	3.3	7.0
5.0	23.9	1956.5	800.0	22.4	13.3	185.1	11.9	1.1	11.9	315.0	349.6	12.2	56.6	4.1	7.0
6.4	24.5	2332.3	775.0	19.6	12.2	185.2	10.4	1.0	10.3	314.5	348.0	11.6	62.3	5.0	6.0
7.2	31.1	2511.6	750.0	16.0	10.0	192.6	12.6	2.7	12.3	314.5	344.7	10.4	64.0	5.6	6.0
8.0	31.8	2902.4	725.0	14.8	8.3	200.0	12.5	6.1	10.9	315.7	343.3	9.6	65.3	6.2	6.0
9.9	31.8	3399.2	703.3	13.9	2.0	210.9	13.1	7.8	10.4	317.6	336.9	6.4	66.6	6.6	10.0
9.9	35.1	3405.4	675.0	12.3	-0.6	220.7	10.5	7.4	7.5	319.4	335.8	5.5	41.4	7.6	13.0
11.2	42.1	3720.5	650.0	9.7	-2.6	231.8	8.9	7.2	5.3	319.5	334.7	4.9	41.8	8.0	16.0
12.6	45.3	4244.5	625.0	6.6	-5.5	235.6	5.3	7.7	5.2	320.0	332.6	4.1	41.6	8.5	19.0
13.4	47.7	4378.3	600.0	3.7	-5.3	235.5	9.4	7.8	5.8	320.4	333.6	4.3	51.8	9.2	22.0
15.2	51.7	4722.1	575.0	0.4	-5.6	231.3	5.4	7.3	5.9	320.2	334.0	4.4	63.8	9.8	24.0
16.5	51.7	5076.9	550.0	-2.7	-9.6	224.4	8.4	6.2	5.7	320.5	331.4	3.4	59.3	10.5	26.0
18.1	55.9	5444.6	525.0	-4.4	-23.3	220.3	7.9	5.5	5.7	323.1	327.0	1.1	21.0	11.2	27.0
19.6	63.0	5827.9	500.0	-5.3	-33.5	219.7	8.4	5.4	6.5	326.4	326.2	0.4	8.7	11.9	29.0
21.1	63.1	6224.4	475.0	-8.2	-32.7	216.2	7.7	4.5	6.2	327.6	329.6	0.5	11.8	12.6	29.0
22.7	60.6	6645.4	450.0	-11.3	-34.6	201.2	9.9	3.6	9.2	329.0	330.1	0.3	8.3	13.4	29.0
24.5	70.1	7081.6	425.0	-13.7	-36.7	190.6	12.6	4.2	11.9	331.4	332.8	0.4	12.3	14.5	28.0
26.2	77.7	7539.4	400.0	-17.2	-39.2	213.1	17.3	9.4	14.5	332.7	333.8	0.3	12.6	16.0	27.0
28.0	77.4	8020.3	375.0	-20.6	-41.7	220.1	24.0	15.4	18.3	334.2	335.3	0.3	12.9	18.3	29.0
30.0	81.3	8528.2	350.0	-21.9	-44.9	217.4	28.1	17.1	22.3	339.2	340.0	0.2	10.4	21.6	30.0
32.1	95.3	9070.0	325.0	-24.8	-47.6	215.7	35.5	20.8	25.0	341.1	341.8	0.2	10.8	25.1	32.0
34.1	80.4	9645.1	300.0	-30.3	-48.4	220.8	35.3	23.1	28.8	342.7	343.3	0.2	15.1	29.3	33.0
36.7	91.8	10257.2	275.0	-35.4	-51.7	219.3	34.7	22.0	28.9	344.0	344.5	0.1	14.8	34.5	34.0
38.5	54.6	10917.1	250.0	-39.0	-55.8	210.4	40.5	24.3	33.9	348.1	348.4	0.1	14.7	40.5	35.0
42.0	131.4	11431.1	225.0	-44.6	-59.9	210.1	35.0	24.6	30.3	350.1	349.9	0.1	99.9	47.1	35.0
45.0	103.4	12409.8	200.0	-50.0	-59.9	208.8	36.7	26.2	28.5	353.7	349.9	0.1	99.9	53.8	36.0
49.0	116.5	13749.8	175.0	-56.3	-59.9	230.9	35.3	27.4	27.2	357.0	349.9	0.1	99.9	60.5	37.0
51.6	121.0	14235.1	150.0	-62.3	-59.9	220.3	27.0	17.5	20.6	362.7	349.9	0.1	99.9	66.9	38.0
53.1	123.0	14742.7	125.0	-68.1	-59.9	223.7	27.3	18.8	28.3	371.6	349.9	0.1	99.9	73.3	39.0
55.8	135.0	15580.2	100.0	-69.7	-59.9	99.9	49.9	99.9	99.9	393.1	349.9	0.1	99.9	99.9	99.9
57.9	90.9	99.9	75.0	-69.9	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	9.9	9.9	50.0	50.0	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	53.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPOED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 27  
ELMORE CITY, CALIFORNIA  
7 JUNE 1979  
1108 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT 1 DEG K	E POT 1 DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	10.2	320.0	984.3	23.7	22.5	190.0	4.0	1.0	5.9	300.5	347.6	18.1	93.0	0.0	0.
00.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	11.5	451.6	975.0	27.0	22.7	187.1	19.9	1.0	10.8	301.4	357.5	18.6	93.1	0.3	2.
1.2	11.9	485.6	925.0	22.8	21.6	193.3	19.0	4.4	18.5	302.4	350.1	17.9	93.2	1.0	6.
2.0	16.4	425.2	500.0	21.4	20.3	208.4	22.9	10.9	20.1	303.6	349.0	17.0	93.5	2.0	13.
2.9	19.9	1170.3	875.0	22.7	10.4	221.7	25.3	16.8	18.9	307.4	333.3	5.3	47.1	3.3	22.
3.7	21.4	1423.4	850.0	25.1	8.9	223.6	21.7	15.5	15.2	310.3	334.3	8.5	40.3	4.4	29.
4.7	21.9	1083.0	825.0	21.6	7.8	219.9	19.4	12.5	14.9	311.5	334.6	6.1	40.9	5.5	32.
5.5	24.4	1544.9	800.0	19.1	6.1	218.8	19.5	12.2	15.2	311.5	332.8	7.4	42.8	6.5	33.
6.5	24.0	2220.9	775.0	17.1	5.8	224.2	18.3	12.8	13.1	312.2	333.9	7.5	47.3	7.6	34.
7.5	31.7	2499.6	750.0	14.4	4.0	224.0	17.0	11.8	12.2	312.2	331.9	6.8	49.5	8.7	35.
8.4	34.3	2765.6	725.0	13.0	-1.2	231.0	15.5	9.7	7.9	313.8	328.2	4.9	37.7	9.5	36.
9.3	37.0	3379.0	700.0	10.1	3.0	243.7	10.0	8.9	4.4	313.7	333.6	6.8	61.1	10.0	37.
10.2	39.8	3560.9	675.0	7.8	1.7	250.2	10.0	9.4	3.4	314.4	333.2	6.4	65.1	10.4	39.
11.2	42.6	3591.0	650.0	4.9	-0.1	247.2	10.8	9.9	4.2	314.6	331.9	5.9	69.9	11.0	40.
12.3	45.4	4009.9	625.0	2.2	-4.5	241.9	11.4	10.1	5.4	315.0	328.2	4.4	21.4	11.6	42.
13.3	48.4	4339.0	600.0	1.2	-15.1	233.9	14.0	11.3	8.3	317.5	323.8	2.0	28.6	12.4	43.
14.4	51.4	4660.0	575.0	-1.2	-14.0	235.3	14.9	12.7	7.8	318.2	325.7	2.3	37.2	13.4	44.
15.4	54.4	5033.0	550.0	-3.5	-21.2	240.3	12.3	11.6	4.1	320.2	324.2	1.3	23.7	14.3	45.
16.9	57.4	5396.1	525.0	-5.9	-23.7	245.3	13.6	12.7	4.8	321.3	324.9	1.1	23.0	15.1	47.
18.1	61.6	5779.7	500.0	-8.3	-21.2	245.7	15.1	14.7	6.7	322.9	327.5	1.4	34.7	16.2	48.
19.4	63.9	6175.5	475.0	-10.7	-24.7	250.6	15.5	14.6	5.2	324.7	327.3	0.7	21.0	17.4	49.
20.8	67.3	6566.3	450.0	-13.1	-41.8	264.5	9.4	9.3	0.9	326.4	327.6	0.2	7.0	18.4	51.
22.1	70.7	7023.1	425.0	-15.3	-54.6	268.0	9.7	9.7	0.7	329.4	329.5	0.0	1.0	19.8	52.
23.5	74.3	7477.7	400.0	-18.9	-68.2	268.1	12.6	12.4	2.2	330.5	330.9	0.1	5.7	19.7	53.
24.9	78.0	7958.9	375.0	-23.6	-83.1	248.0	13.8	12.7	5.6	334.2	334.4	0.0	1.0	20.7	54.
26.3	81.7	8433.7	350.0	-23.7	-65.1	238.4	17.2	14.7	9.0	336.8	336.8	0.0	1.0	22.0	55.
27.9	85.7	8901.7	325.0	-26.9	-47.1	243.6	20.1	18.0	8.9	339.4	339.7	0.0	1.0	24.0	55.
29.7	90.0	9374.6	300.0	-30.8	-64.6	247.3	36.5	33.7	14.1	342.3	342.3	0.0	1.0	26.1	56.
31.6	94.3	10189.5	275.0	-34.9	-72.4	247.5	49.2	45.5	18.9	344.7	344.7	0.0	1.0	31.7	55.
33.8	98.0	10466.2	250.0	-40.1	99.9	248.7	46.4	42.0	18.6	348.5	999.9	99.9	999.9	38.2	60.
35.9	101.8	11557.6	225.0	-45.4	59.9	248.7	35.7	30.9	17.7	350.2	999.9	99.9	999.9	44.3	61.
39.3	109.0	12331.3	200.0	-52.1	59.9	240.2	32.2	26.7	18.0	354.5	999.9	99.9	999.9	50.4	61.
40.9	115.0	13185.4	175.0	-57.2	59.9	236.0	38.2	30.7	20.1	357.4	999.9	99.9	999.9	55.3	61.
43.3	121.0	14139.7	150.0	-61.4	59.9	238.7	36.7	30.7	20.1	357.4	999.9	99.9	999.9	59.9	60.
46.1	127.0	15236.6	125.0	-68.9	99.9	243.7	40.5	40.5	20.0	373.1	999.9	99.9	999.9	67.5	60.
49.7	136.0	16265.5	100.0	-66.6	99.9	999.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
99.3	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 27  
ELMORE CITY, OKLAHOMA

7 JUNE 1979  
1430 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DIR DEG C	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT E DG M	E POT T DG M	MS RTO G/M/G	RH PCT	RANGE KM	AZ DEG
0.0	9.5	320.0	966.0	27.1	22.3	99.9	55.9	99.9	303.2	350.8	17.8	75.0	999.9	999.9
99.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	11.0	468.0	950.0	27.3	21.2	99.9	59.9	99.9	302.6	348.1	17.0	75.0	999.9	999.9
1.6	13.4	702.8	925.0	27.3	19.7	99.9	59.9	99.9	303.1	345.6	15.9	80.6	999.9	999.9
2.5	15.8	942.1	900.0	27.4	18.7	99.9	59.9	99.9	303.7	342.4	16.3	82.5	999.9	999.9
3.4	18.3	1187.5	875.0	27.4	16.7	99.9	59.9	99.9	307.1	342.5	12.2	62.7	999.9	999.9
4.3	21.7	1481.5	850.0	27.4	14.2	99.9	59.9	99.9	311.3	339.4	9.9	44.6	999.9	999.9
5.2	25.1	1702.0	825.0	27.3	11.2	99.9	59.9	99.9	312.1	338.2	5.1	44.3	999.9	999.9
6.2	28.7	1926.5	800.0	27.3	7.6	99.9	59.9	99.9	312.1	338.2	5.1	44.3	999.9	999.9
7.2	32.3	2241.3	775.0	27.3	7.6	99.9	59.9	99.9	312.1	338.2	5.1	44.3	999.9	999.9
8.3	35.9	2571.0	750.0	27.3	3.1	99.9	59.9	99.9	312.1	338.2	5.1	44.3	999.9	999.9
9.2	39.6	2907.9	725.0	27.3	3.1	99.9	59.9	99.9	312.1	338.2	5.1	44.3	999.9	999.9
10.3	43.2	3242.1	700.0	27.3	4.4	99.9	59.9	99.9	312.1	338.2	5.1	44.3	999.9	999.9
11.2	46.8	3576.2	675.0	27.3	2.5	99.9	59.9	99.9	312.1	338.2	5.1	44.3	999.9	999.9
12.2	50.4	3910.9	650.0	27.3	1.4	99.9	59.9	99.9	312.1	338.2	5.1	44.3	999.9	999.9
13.3	54.0	4245.7	625.0	27.3	-5.3	99.9	59.9	99.9	312.1	338.2	5.1	44.3	999.9	999.9
14.3	57.6	4580.7	600.0	27.3	-16.3	99.9	59.9	99.9	312.1	338.2	5.1	44.3	999.9	999.9
15.7	61.2	4915.7	575.0	27.3	-27.7	99.9	59.9	99.9	312.1	338.2	5.1	44.3	999.9	999.9
17.0	64.8	5250.7	550.0	27.3	-29.6	99.9	59.9	99.9	312.1	338.2	5.1	44.3	999.9	999.9
18.2	68.4	5585.7	525.0	27.3	-19.3	99.9	59.9	99.9	312.1	338.2	5.1	44.3	999.9	999.9
19.6	72.0	5920.7	500.0	27.3	-30.5	99.9	59.9	99.9	312.1	338.2	5.1	44.3	999.9	999.9
21.0	75.6	6255.7	475.0	27.3	-24.5	99.9	59.9	99.9	312.1	338.2	5.1	44.3	999.9	999.9
22.4	79.2	6590.7	450.0	27.3	-27.1	99.9	59.9	99.9	312.1	338.2	5.1	44.3	999.9	999.9
24.0	82.8	6925.7	425.0	27.3	-16.0	99.9	59.9	99.9	312.1	338.2	5.1	44.3	999.9	999.9
25.5	86.4	7260.7	400.0	27.3	-40.9	99.9	59.9	99.9	312.1	338.2	5.1	44.3	999.9	999.9
27.2	90.0	7595.7	375.0	27.3	-44.6	99.9	59.9	99.9	312.1	338.2	5.1	44.3	999.9	999.9
28.6	93.6	7930.7	350.0	27.3	-48.4	99.9	59.9	99.9	312.1	338.2	5.1	44.3	999.9	999.9
30.4	97.2	8265.7	325.0	27.3	-43.2	99.9	59.9	99.9	312.1	338.2	5.1	44.3	999.9	999.9
32.3	100.8	8600.7	300.0	27.3	-27.1	99.9	59.9	99.9	312.1	338.2	5.1	44.3	999.9	999.9
34.3	104.4	8935.7	275.0	27.3	-55.9	99.9	59.9	99.9	312.1	338.2	5.1	44.3	999.9	999.9
36.6	108.0	9270.7	250.0	27.3	-48.4	99.9	59.9	99.9	312.1	338.2	5.1	44.3	999.9	999.9
38.6	111.6	9605.7	225.0	27.3	-50.9	99.9	59.9	99.9	312.1	338.2	5.1	44.3	999.9	999.9
40.6	115.2	9940.7	200.0	27.3	-50.9	99.9	59.9	99.9	312.1	338.2	5.1	44.3	999.9	999.9
43.5	118.8	10275.7	175.0	27.3	-50.9	99.9	59.9	99.9	312.1	338.2	5.1	44.3	999.9	999.9
46.2	122.4	10610.7	150.0	27.3	-50.9	99.9	59.9	99.9	312.1	338.2	5.1	44.3	999.9	999.9
49.3	126.0	10945.7	125.0	27.3	-50.9	99.9	59.9	99.9	312.1	338.2	5.1	44.3	999.9	999.9
52.5	129.6	11280.7	100.0	27.3	-50.9	99.9	59.9	99.9	312.1	338.2	5.1	44.3	999.9	999.9
55.9	133.2	11615.7	75.0	27.3	-50.9	99.9	59.9	99.9	312.1	338.2	5.1	44.3	999.9	999.9
59.9	136.8	11950.7	50.0	27.3	-50.9	99.9	59.9	99.9	312.1	338.2	5.1	44.3	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 17  
ELMORE CITY, OKLAHOMA

7 JUNE 1979  
1705 GMT

TIME MIN	CNTCT	WEIGHT GPM	POES MB	TEMP DG C	DB PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG K	E POT Y DG K	MR RTO CM/KG	RM PCT	RANGE KM	AI DG
0.0	9.7	320.0	960.0	28.5	22.0	198.0	13.0	2.3	12.8	304.6	351.7	17.5	48.0	0.0	0.
00.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	11.3	473.5	550.0	27.0	21.2	182.0	14.5	0.5	14.0	304.6	350.1	16.9	70.7	0.5	1.
1.5	13.7	709.3	525.0	24.5	20.2	181.5	14.6	0.4	14.4	304.4	348.4	16.4	77.0	1.2	1.
2.4	16.1	959.6	900.0	22.3	19.8	188.0	14.0	1.9	13.8	304.5	348.7	16.4	85.5	2.0	2.
3.4	19.5	1155.2	675.0	21.0	17.6	206.0	15.6	0.8	14.0	305.6	345.6	14.8	81.5	2.8	6.
6.4	21.0	1467.1	650.0	23.1	11.4	214.5	15.2	10.5	15.9	310.2	330.6	10.0	47.6	3.7	14.
9.9	23.4	1747.5	625.0	22.3	9.8	212.3	18.4	9.8	15.6	312.1	336.4	9.3	45.0	4.7	18.
6.1	26.0	1974.1	600.0	20.8	7.4	212.2	14.9	7.9	12.6	312.5	335.9	8.1	44.2	5.7	20.
7.4	28.5	2247.5	775.0	18.5	5.6	214.4	11.2	6.3	9.3	313.7	335.1	7.4	42.6	6.5	22.
8.4	31.1	2527.8	750.0	16.0	5.3	217.4	12.3	7.5	9.8	313.5	335.7	7.5	45.2	7.2	23.
9.4	33.8	2815.1	725.0	13.7	3.7	213.5	9.5	5.5	6.3	314.2	335.7	6.9	50.8	7.9	24.
10.4	36.4	3103.9	700.0	10.7	3.8	216.4	9.5	5.5	7.5	313.3	335.3	7.2	62.2	8.4	25.
11.3	39.2	3412.2	675.0	8.9	2.2	220.0	9.3	7.0	6.1	315.1	335.7	6.7	64.7	8.9	26.
12.2	42.5	3723.4	650.0	4.3	-0.7	220.9	6.3	5.9	2.1	316.1	332.8	5.6	60.8	9.3	27.
13.2	44.8	4044.6	625.0	4.5	5.6	207.5	4.9	4.9	0.2	317.6	328.9	4.1	48.0	9.5	29.
14.4	47.7	4375.4	600.0	1.3	-8.3	202.7	5.2	5.1	0.7	317.6	328.1	3.4	48.7	9.6	31.
15.6	50.6	4716.9	575.0	-0.7	-23.3	245.6	7.4	6.7	3.1	319.6	323.3	1.1	17.1	10.0	32.
17.0	53.6	5071.4	550.0	-2.0	-30.2	233.2	2.3	6.0	1.8	321.6	323.7	0.6	9.3	10.5	34.
18.3	56.8	5439.8	525.0	-3.6	-25.1	232.6	4.9	3.9	3.0	324.1	323.3	1.0	17.2	10.8	35.
19.5	59.9	5822.6	500.0	-2.2	-26.6	218.1	4.2	3.8	4.8	325.2	326.5	0.9	18.0	11.2	36.
20.7	63.1	6222.6	475.0	-5.1	-28.6	224.5	7.5	9.2	5.3	326.7	326.3	0.8	19.0	11.7	36.
22.1	66.5	6638.6	450.0	-11.9	-27.9	230.8	7.2	5.6	6.6	328.3	331.2	0.9	25.0	12.3	36.
23.4	69.9	7072.7	425.0	-14.9	-35.4	223.6	7.5	5.2	5.4	329.6	331.4	0.4	15.5	12.8	37.
24.0	73.4	7529.6	400.0	-17.9	-39.3	223.3	10.9	7.5	8.0	331.6	332.9	0.3	13.3	13.6	37.
26.7	77.1	8006.4	375.0	-21.3	-41.6	235.4	15.7	13.0	8.9	333.4	334.4	0.3	14.0	14.9	38.
28.5	81.0	8516.0	350.0	-22.3	-43.4	235.3	23.3	19.1	13.2	336.8	336.6	0.2	12.6	16.9	41.
30.2	85.0	9059.1	325.0	-24.4	-45.7	240.2	33.3	28.9	16.6	343.1	343.8	0.2	11.7	19.9	43.
31.9	89.2	9616.8	300.0	-25.9	-43.1	999.9	99.9	99.9	99.9	343.2	343.8	0.1	11.8	99.9	99.9
33.7	93.5	10250.4	275.0	-35.3	-42.9	999.9	99.9	99.9	99.9	344.1	344.5	0.1	14.4	99.9	99.9
35.7	98.2	10906.5	250.0	-41.0	-42.8	999.9	99.9	99.9	99.9	345.2	349.9	99.9	99.9	99.9	99.9
37.9	103.0	11617.6	225.0	-44.6	-49.9	999.9	99.9	99.9	99.9	350.1	350.6	99.9	99.9	99.9	99.9
40.4	108.4	12384.6	200.0	-51.4	-59.9	236.2	40.7	33.8	22.6	351.4	350.9	99.9	99.9	99.9	99.9
43.0	114.2	13248.0	175.0	-58.3	-59.9	235.3	40.0	33.1	22.5	353.6	353.6	99.9	99.9	99.9	99.9
45.4	120.3	14201.7	150.0	-64.9	-59.9	242.3	37.3	33.1	17.3	358.2	358.9	99.9	99.9	99.9	99.9
48.1	127.5	15290.5	125.0	-65.5	-59.9	242.7	27.4	24.3	2.6	365.1	365.1	99.9	99.9	99.9	99.9
50.9	135.3	16629.0	100.0	-68.7	-59.9	999.9	99.9	99.9	99.9	365.0	365.0	99.9	99.9	99.9	99.9
53.9	142.9	18099.9	75.0	-69.9	-59.9	99.9	99.9	99.9	99.9	365.0	365.0	99.9	99.9	99.9	99.9
56.9	150.9	19599.9	50.0	-69.9	-59.9	99.9	99.9	99.9	99.9	365.0	365.0	99.9	99.9	99.9	99.9
59.9	159.9	21099.9	25.0	-69.9	-59.9	99.9	99.9	99.9	99.9	365.0	365.0	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION -0. 27  
ELMORE CITY, OKLAHOMA  
7 JUNE 1978  
2007 GMT

TIME MIN	CNTLT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG K	E POT 1 DEG K	MR RTO CM/SEC	RM PCF	RANGE NM	AZ DEG
0.0	9.4	320.0	966.4	30.7	21.0	190.0	13.0	2.4	14.8	308.2	323.8	17.3	59.0	0.0	0.
0.9	99.9	1000.0	966.4	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.9	99.9	50.0	975.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.4	11.1	473.0	950.0	24.5	23.0	167.0	7.5	-1.4	7.3	307.2	358.6	19.0	68.0	0.6	349.
1.4	13.5	712.0	925.0	27.0	22.2	165.7	13.2	-7.4	13.0	307.0	357.3	18.6	75.1	1.2	349.
2.1	15.9	845.3	900.0	24.4	20.7	177.5	11.6	-0.5	11.6	307.0	357.3	17.4	80.1	1.8	350.
3.0	16.3	1201.0	875.0	22.4	20.5	184.5	11.6	0.9	11.6	307.1	357.3	17.4	80.1	1.8	350.
3.9	23.8	1654.2	850.0	20.4	17.2	187.9	13.4	4.1	12.7	307.2	357.3	16.7	81.8	2.3	353.
4.9	23.3	1712.9	825.0	21.5	8.9	210.5	14.7	7.5	12.7	307.2	357.3	16.7	81.8	2.3	353.
5.7	25.8	1975.4	800.0	15.0	7.9	205.8	13.9	6.1	12.5	307.2	357.3	16.7	81.8	2.3	353.
6.7	25.3	2252.4	775.0	14.5	5.4	210.2	11.4	5.7	9.9	307.2	357.3	16.7	81.8	2.3	353.
7.4	31.0	2533.1	750.0	14.6	4.7	217.7	9.8	6.0	7.7	307.2	357.3	16.7	81.8	2.3	353.
8.7	31.6	2820.8	725.0	14.0	4.2	217.0	9.8	5.6	7.7	307.2	357.3	16.7	81.8	2.3	353.
9.6	36.2	3115.8	700.0	11.1	3.7	217.0	9.8	5.6	7.7	307.2	357.3	16.7	81.8	2.3	353.
10.6	39.0	3418.5	675.0	5.0	1.7	218.5	6.1	3.3	4.8	315.7	329.8	6.4	60.2	6.7	16.
11.6	41.0	3739.7	650.0	7.3	-4.9	204.2	3.0	1.2	2.7	317.2	329.8	4.1	41.5	7.3	18.
12.7	44.6	4052.1	625.0	4.5	-6.7	207.4	3.9	1.0	3.5	317.2	329.8	3.7	44.0	7.5	18.
13.8	47.5	4323.3	600.0	2.4	-15.8	238.7	5.8	5.0	3.0	319.1	325.1	1.9	24.4	7.7	19.
15.0	51.4	4720.2	575.0	0.5	-20.9	231.6	6.7	6.0	3.0	320.6	324.7	1.3	18.3	8.1	22.
16.0	51.4	5081.3	550.0	-1.6	-23.7	231.3	6.1	4.8	3.8	322.2	325.6	1.1	17.2	8.4	23.
17.3	56.5	5495.9	525.0	-4.4	-16.4	227.7	7.7	5.0	5.9	323.1	328.7	1.7	12.6	8.9	24.
18.7	59.6	5832.7	500.0	-7.3	-22.5	234.7	8.3	6.9	4.8	325.2	329.5	1.2	26.2	9.5	26.
20.0	62.9	6231.7	475.0	-10.8	-29.6	225.8	8.3	6.0	5.8	327.1	329.5	0.7	16.8	10.1	28.
21.5	61.3	6680.6	450.0	-11.4	-36.1	226.4	8.6	6.3	6.0	328.5	330.6	0.5	13.1	10.8	29.
22.9	65.7	7089.7	425.0	-14.3	-34.8	236.2	9.2	7.7	5.1	330.6	332.3	0.5	15.6	11.5	30.
24.3	71.3	7541.5	400.0	-17.4	-37.4	239.3	13.2	11.4	6.8	332.4	333.8	0.4	15.4	12.2	32.
25.6	77.0	8022.9	375.0	-19.9	-34.0	221.6	26.3	20.7	18.3	335.3	336.4	0.3	14.9	13.6	35.
27.1	80.8	8534.3	350.0	-20.9	-41.6	235.0	31.7	26.0	18.2	340.6	341.7	0.3	13.5	16.4	37.
28.9	84.7	9077.4	325.0	-24.4	-44.7	241.1	33.1	29.0	16.0	341.7	342.5	0.2	14.4	19.4	41.
30.7	88.8	9652.0	300.0	-28.7	-48.0	243.7	33.2	29.0	14.7	342.1	342.7	0.1	14.9	21.0	45.
32.7	91.3	10283.4	275.0	-32.6	-52.0	239.5	35	31.0	10.2	343.4	343.8	0.1	16.9	26.8	47.
34.8	94.0	10926.2	250.0	-36.7	-59.9	237.2	41	34.7	22.3	347.0	349.9	59.9	955.9	31.6	49.
36.9	101.0	11631.9	225.0	-45.6	-59.9	234.1	41	33.5	24.3	348.6	349.9	99.9	999.9	37.0	50.
39.3	109.2	12402.3	200.0	-52.0	-59.9	284.1	42.1	34.1	24.7	350.4	350.9	99.9	954.9	42.8	50.
41.9	114.0	13257.3	175.0	-58.9	-54.9	241.0	37.7	33.0	18.3	352.8	352.8	59.9	999.9	49.3	51.
44.7	120.3	14211.3	150.0	-64.4	-49.9	240.8	31.9	27.0	16.0	359.1	359.9	99.9	999.9	55.1	52.
47.4	127.3	15311.1	125.0	-68.3	-59.9	237.1	25.3	21.2	13.7	359.6	359.9	99.9	999.9	999.9	999.9
50.6	135.0	16641.1	100.0	-65.8	-59.9	599.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
53.9	99.9	59.9	75.0	55.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
56.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
62.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG  
0 BY TEMP MEANS TEMPERATURE CR TYPE HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 27  
 ELMORE CITY, OKLAHOMA

 7 JUNE 1979  
 2305 GMT

TIME MIN	CNTCT	HEIGHT GPM	WRES MB	TEMP DEG C	DBN PT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT Y OG K	E POT Y DEG K	MX RTO GM/KG	MM PCT	RANGE KM	AZ DG
0.6	11.0	320.0	966.5	31.3	21.2	198.0	10.0	1.7	9.8	307.4	382.7	16.6	33.0	0.0	0.
09.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	12.5	475.3	975.0	30.6	23.4	179.4	10.3	-0.1	10.3	308.3	361.1	19.4	65.4	0.3	349.
1.4	14.9	713.9	925.0	29.6	21.5	174.6	12.6	-1.2	12.6	307.5	355.9	17.8	65.7	0.8	353.
2.3	17.3	957.0	900.0	29.6	21.3	173.1	14.4	-1.7	14.3	307.5	356.8	18.0	77.0	1.6	353.
3.2	19.7	1205.2	875.0	29.1	20.7	175.2	14.0	-1.2	14.0	307.6	356.1	17.4	86.4	2.4	353.
4.0	22.1	1458.5	853.0	29.0	20.1	180.6	14.0	0.1	14.0	308.1	356.4	17.7	94.8	3.1	354.
5.1	24.7	1717.5	825.0	28.9	17.5	193.6	13.3	3.2	12.9	308.6	351.0	15.5	91.3	3.9	357.
6.6	27.2	1985.0	800.0	28.5	7.4	207.9	11.1	5.2	9.8	313.6	336.4	8.2	42.9	4.8	2.
7.7	29.7	2256.8	775.0	15.4	5.2	223.4	9.0	6.2	6.5	314.7	335.6	7.2	39.2	5.6	6.
8.9	32.2	2437.5	750.0	14.7	3.2	231.2	8.2	6.4	5.2	314.6	333.7	6.5	40.4	6.0	10.
10.0	34.9	2625.6	725.0	14.7	3.2	235.6	8.8	7.3	5.0	315.6	333.9	6.2	42.9	6.4	13.
10.9	37.5	3121.3	700.0	12.2	1.6	234.9	7.7	6.3	4.4	316.0	334.2	6.2	48.5	6.8	16.
12.0	40.2	3424.9	675.0	9.9	-1.2	227.6	4.2	3.1	2.8	316.7	332.3	5.2	47.1	7.1	18.
13.1	43.0	3737.2	650.0	7.3	-4.0	212.5	2.6	1.4	2.2	317.3	330.5	4.4	44.2	7.2	19.
14.2	45.8	4058.4	625.0	4.7	-7.8	235.2	3.5	2.9	2.0	317.6	328.3	3.4	39.9	7.4	19.
15.3	49.7	4390.4	600.0	2.6	-14.0	256.9	4.1	4.0	0.9	319.1	325.9	2.2	28.1	7.6	21.
16.4	51.6	4733.6	575.0	1.0	-29.1	234.8	4.6	3.8	2.7	321.2	323.5	0.7	9.2	7.8	23.
17.6	54.6	5089.0	550.0	-1.7	-22.6	231.3	5.6	4.4	3.5	322.1	320.1	1.2	19.5	8.1	23.
18.8	57.6	5477.7	525.0	-3.9	-19.5	242.6	6.6	5.8	3.0	323.6	318.9	1.5	20.3	8.5	25.
20.2	60.8	5841.8	500.0	-6.3	-24.3	242.3	8.4	7.4	3.9	326.3	319.9	1.3	21.0	8.9	28.
21.6	64.0	6242.0	475.0	-8.3	-28.1	236.1	9.7	8.0	5.4	327.7	319.5	0.8	18.3	9.6	30.
23.3	67.1	6600.1	450.0	-10.2	-35.3	237.5	13.3	11.2	7.1	330.2	332.0	0.3	10.6	10.4	32.
24.4	71.6	7008.1	425.0	-13.1	-39.1	241.2	20.8	18.2	10.0	332.2	333.4	0.3	10.1	11.7	35.
25.9	74.1	7557.3	400.0	-15.9	-42.4	235.6	26.7	22.0	15.1	334.2	335.2	0.2	6.0	13.7	39.
27.7	77.7	8042.9	375.0	-17.5	-44.0	232.2	29.2	23.1	17.9	338.2	339.3	0.2	7.7	16.6	41.
29.5	81.5	8555.8	350.0	-21.4	-46.0	234.1	30.3	24.6	17.8	340.6	340.7	0.2	6.7	20.0	43.
31.5	85.4	9057.9	325.0	-25.7	-46.9	236.9	29.5	24.7	16.1	341.2	342.0	0.2	11.6	23.5	45.
33.4	89.5	9671.8	300.0	-31.1	-49.1	234.8	30.5	24.9	17.6	341.6	342.2	0.1	14.9	26.8	47.
35.5	93.8	10281.8	275.0	-35.9	-52.6	231.2	34.6	27.0	21.7	343.2	343.6	0.1	15.5	30.0	47.
37.6	98.5	10819.0	250.0	-39.3	-59.9	231.4	37.2	29.1	23.2	347.7	359.9	95.9	59.9	35.5	48.
39.9	103.4	11651.3	225.0	-45.5	99.9	234.8	36.3	31.3	22.1	348.7	999.9	99.9	99.9	40.4	48.
42.5	109.8	12424.9	200.0	-52.0	99.9	240.3	34.0	25.5	18.8	350.4	999.9	99.9	99.9	46.1	50.
45.1	114.5	13260.5	175.0	-56.3	99.9	237.3	33.5	28.2	18.1	356.3	999.9	99.9	99.9	51.1	51.
47.8	120.8	14237.8	150.0	-62.5	99.9	238.3	31.3	20.6	16.4	357.2	999.9	99.9	99.9	56.4	51.
50.7	127.7	15329.3	125.0	-71.0	99.9	242.5	22.6	20.1	10.3	366.5	999.9	99.9	99.9	61.2	52.
53.9	135.5	16652.0	100.0	-71.7	99.9	999.9	99.9	99.9	99.9	389.1	999.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	75.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	25.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 28  
PT. SILL, OKLAHOMA  
7 JUNE 1979  
1405 GMT

TIME MIN	CHTY	WGT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG M	E POT Y DEG M	MX RTO G/KG	RM PCF	RANGE KM	AZ DEG
0.0	10.9	418.0	593.9	25.4	21.9	180.0	3.1	0.0	3.1	302.4	349.6	17.7	81.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.9	99.9	99.9	575.0	55.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.2	11.3	454.2	950.0	24.3	2.1	192.6	3.1	3.1	9.8	301.5	344.1	15.8	77.3	0.2	17.
1.2	11.6	649.1	675.0	22.6	12.8	202.3	10.9	4.1	10.0	302.2	345.0	16.0	84.0	0.6	19.
2.3	10.1	977.0	900.0	21.0	19.2	210.3	15.3	7.7	13.2	303.2	345.5	15.8	84.0	1.2	21.
2.7	11.5	1172.4	675.0	23.3	14.4	210.6	20.3	12.7	15.9	309.1	341.1	12.0	57.9	2.0	27.
3.6	27.9	1426.5	650.0	24.7	11.6	221.0	19.5	12.6	16.7	311.2	340.3	10.2	45.4	3.0	32.
4.5	21.4	1647.2	675.0	22.1	10.2	221.7	17.1	11.4	12.8	312.0	339.1	9.5	46.6	4.0	34.
5.4	24.0	1954.1	600.0	20.0	9.1	223.7	15.4	10.4	11.3	313.4	339.0	9.3	47.6	4.9	36.
6.3	24.5	2224.1	775.0	15.0	8.0	223.4	13.4	9.6	9.4	314.2	339.4	8.7	48.9	5.7	37.
7.2	31.1	2506.0	750.0	14.9	5.9	222.4	14.1	10.5	9.4	314.6	337.6	7.8	40.1	6.4	38.
8.3	33.4	2747.2	725.0	14.4	3.9	220.1	12.4	8.9	8.6	315.2	337.6	7.0	49.3	7.3	39.
9.4	35.4	3051.0	700.0	12.2	3.6	230.3	10.7	8.2	8.8	316.0	336.9	7.0	55.8	8.0	40.
10.4	32.1	3356.9	675.0	10.9	0.7	247.0	7.5	6.9	2.9	317.4	335.2	6.0	50.9	8.6	41.
11.6	41.9	3709.0	650.0	7.6	-2.5	255.2	6.2	6.0	1.6	317.4	332.4	4.9	46.6	9.9	43.
12.1	44.0	4031.7	625.0	4.8	-4.9	261.5	4.3	4.2	0.6	318.0	330.9	4.3	44.3	9.2	44.
13.5	47.6	4363.1	600.0	2.1	-9.0	250.0	3.4	3.5	0.7	318.4	326.7	3.3	44.0	9.4	45.
14.5	52.5	4705.3	575.0	-0.3	-16.8	243.5	4.6	4.3	1.7	319.7	326.4	2.1	32.4	9.5	45.
15.6	53.5	5059.3	550.0	-2.5	-17.4	238.2	7.8	5.7	4.0	321.1	326.9	1.8	30.6	10.0	46.
16.8	54.6	5426.9	525.0	-4.9	-22.7	234.9	6.3	5.4	3.3	322.2	326.4	1.2	23.2	10.5	47.
18.1	52.8	4804.3	500.0	-7.7	-25.2	240.5	5.0	4.5	2.1	323.7	326.8	0.9	21.0	10.9	47.
19.4	61.0	6205.3	475.0	-10.6	-25.4	250.5	4.6	4.5	0.8	324.5	326.0	0.9	25.8	11.2	48.
20.7	64.3	6620.4	450.0	-11.0	-30.1	250.3	5.6	5.3	1.9	326.4	330.4	0.7	19.8	11.5	49.
22.0	69.7	7055.7	425.0	-14.1	-34.6	246.6	6.1	5.4	2.4	329.4	331.3	0.5	16.9	12.0	49.
23.3	75.1	7511.1	400.0	-14.5	-35.9	250.1	6.4	6.0	1.9	330.9	332.5	0.4	20.0	12.4	50.
24.7	74.9	7949.6	375.0	-22.0	-39.1	250.3	6.7	8.3	2.5	332.2	333.8	0.3	16.3	13.0	51.
26.3	83.6	8454.1	350.0	-24.7	-41.8	241.7	12.7	11.2	6.0	335.4	336.5	0.3	16.7	13.9	52.
27.9	84.5	9030.0	325.0	-27.7	-44.4	230.2	20.6	17.7	10.6	338.2	339.3	0.2	16.4	15.5	53.
29.6	84.7	9602.5	300.0	-30.0	-46.6	240.6	28.5	25.6	12.7	343.1	343.8	0.2	17.9	17.9	54.
31.4	93.0	10216.5	275.0	-34.4	-50.7	246.6	37.8	34.7	15.0	345.4	346.0	0.1	17.2	21.5	56.
33.2	92.6	10974.9	250.0	-40.2	-50.9	243.8	44.4	39.4	19.6	346.4	346.0	99.9	99.9	26.0	58.
35.2	102.4	11587.2	225.0	-45.3	-50.9	241.5	43.2	37.9	20.6	349.2	349.8	99.9	99.9	31.2	59.
37.4	107.8	12361.2	200.0	-50.2	-50.9	231.0	40.1	32.9	23.1	350.2	349.8	99.9	99.9	36.7	59.
39.8	113.5	13221.6	175.0	-57.3	-50.9	231.1	41.2	32.0	23.9	350.4	349.8	99.9	99.9	42.5	59.
42.5	119.4	14190.8	150.0	-64.2	-50.9	241.4	35.5	31.2	17.0	350.6	349.8	99.9	99.9	48.8	57.
45.3	126.7	15287.0	125.0	-68.0	-50.9	244.6	27.1	24.9	10.8	371.9	349.8	99.9	99.9	54.4	58.
47.7	134.3	16634.7	100.0	-67.0	-50.9	99.9	99.9	99.9	99.9	388.3	349.8	99.9	99.9	999.9	999.9
50.9	99.9	99.9	75.0	50.9	50.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
53.4	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
56.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 28  
 PT. SILL, CULMANIA

 7 JUNE 1979  
 1705 GMT

124 106. 0

TIME MIN	CHCT	WRIGHT GPM	WRES MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T CG K	MX RTO CM/KG	SH PGT	RANGE KM	AZ DG
0.0	10.7	410.0	953.7	30.7	21.5	180.0	6.2	0.0	6.2	306.0	354.9	17.2	58.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	11.0	452.0	950.0	29.4	19.8	187.7	15.1	2.0	14.9	306.0	345.5	14.5	56.1	0.3	6.
1.2	13.4	685.7	925.3	24.5	17.9	189.5	14.6	2.4	14.4	306.0	344.9	14.1	55.1	0.9	7.
2.2	15.8	931.3	900.0	24.2	17.4	196.6	12.9	3.7	12.4	306.0	344.8	14.0	65.5	1.7	10.
3.1	19.2	1177.7	875.0	21.9	16.1	212.2	14.1	6.0	12.8	306.0	343.5	13.5	70.6	2.5	13.
4.1	20.7	1430.4	850.0	23.4	9.1	212.3	15.6	8.4	13.2	310.0	336.1	9.0	42.2	3.3	17.
5.2	23.1	1690.6	825.0	22.6	7.2	211.1	14.5	7.5	12.4	312.5	334.8	7.8	37.0	4.2	21.
5.9	25.7	1947.8	810.0	21.3	5.7	214.7	13.7	7.8	11.2	313.5	334.9	7.2	36.1	4.8	22.
6.8	28.2	2237.1	775.0	19.6	4.3	219.5	14.7	9.4	11.3	314.5	334.8	6.7	36.3	5.6	24.
7.6	33.9	2513.1	750.0	17.2	2.4	226.9	13.0	8.9	10.2	315.2	333.2	6.1	36.9	6.3	26.
8.7	33.4	2501.3	725.0	14.6	1.5	217.5	12.9	7.8	10.2	315.2	332.9	5.9	41.0	7.1	29.
9.4	36.1	3396.9	720.0	12.2	1.7	214.6	10.7	6.1	8.8	316.0	334.4	6.2	48.7	7.9	28.
11.0	39.9	3400.9	675.0	10.4	-0.5	222.3	6.3	5.6	6.2	317.2	333.6	5.5	46.7	8.6	29.
12.2	41.7	3713.9	650.0	7.5	-2.5	234.1	6.6	5.3	3.9	317.2	332.3	4.9	48.8	9.1	30.
13.4	44.5	4335.6	625.0	4.4	-3.9	242.2	4.8	4.3	2.3	317.2	331.4	4.6	54.6	9.4	31.
14.5	47.4	4376.5	600.0	2.0	-12.9	223.5	4.5	3.4	2.9	319.2	320.0	2.4	32.1	9.7	32.
15.8	50.3	4708.7	575.0	-0.1	-16.3	233.5	4.6	3.7	2.7	319.5	322.9	1.9	28.2	10.0	33.
17.0	53.4	5062.5	550.0	-3.4	-20.6	235.5	4.6	5.5	3.0	320.1	324.5	1.4	25.1	10.4	34.
19.2	56.5	5424.5	525.0	-5.9	-24.8	228.4	7.5	5.4	5.0	321.4	324.7	1.0	21.1	10.9	35.
19.4	57.6	5410.1	400.0	-7.3	-27.0	227.7	5.5	4.3	4.0	324.1	327.0	0.8	18.9	11.4	35.
22.9	62.9	6208.6	475.0	-8.9	-32.4	223.6	5.7	3.7	4.3	327.0	326.8	0.5	12.8	11.8	36.
22.3	66.1	6625.2	450.0	-11.5	-34.8	209.4	6.2	3.8	5.4	328.2	330.4	0.4	12.4	12.3	35.
23.9	69.7	7060.7	425.0	-14.5	-34.8	212.8	7.5	4.0	6.3	330.4	331.8	0.4	12.9	12.9	35.
25.3	73.1	7517.2	400.0	-17.7	-37.5	230.0	7.9	6.0	5.0	332.0	333.1	0.3	12.8	13.6	35.
26.9	76.9	7468.9	375.0	-20.8	-41.2	247.6	10.0	9.8	4.1	334.0	335.0	0.3	14.0	14.4	37.
28.6	83.7	8503.9	350.0	-23.7	-43.4	238.3	19.2	18.3	10.1	336.0	337.7	0.2	14.3	15.6	39.
32.2	86.7	9083.4	325.0	-27.4	-45.4	237.4	25.5	21.8	14.0	341.7	342.5	0.2	13.4	17.9	41.
31.9	88.8	9619.7	300.0	-25.8	-45.7	244.1	30.7	27.6	13.4	343.4	344.0	0.1	13.8	20.6	44.
33.8	93.2	10731.0	275.0	-35.2	-52.4	246.5	33.6	30.8	11.4	344.2	346.6	0.1	14.5	23.9	47.
35.4	97.8	10449.2	250.0	-40.6	-57.9	242.8	38.5	34.2	17.6	345.2	349.9	99.9	99.9	22.2	50.
38.3	102.8	11601.1	225.0	-45.1	-59.9	236.0	38.9	32.3	21.7	349.5	350.9	99.9	99.9	33.3	51.
42.4	108.2	12377.8	200.0	-51.3	-59.9	237.8	36.2	22.2	21.3	351.2	350.9	99.9	99.9	38.9	52.
43.0	114.0	13231.9	175.0	-58.3	-59.9	232.9	37.7	30.1	22.8	353.0	350.9	99.9	99.9	44.3	52.
45.5	123.3	14125.2	150.0	-65.3	-59.9	240.1	36.1	31.3	18.0	357.5	359.9	99.9	99.9	50.1	52.
48.3	127.3	15284.1	125.0	-69.4	-59.9	249.9	99.9	99.9	99.9	369.4	369.5	99.9	99.9	55.2	53.
99.9	99.9	99.9	130.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 31  
HENNECISSEY, ORLANDO

7 JUNE 1979  
1109 GMT

131 92. 0

TIME	CHTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	J COMP	V COMP	POT T	E POT T	MX RTO	RM	RANGE	AZ
MIN		GEN	MB	DEG C	DEG C	DEG	M/SEC	M/SEC	M/SEC	DEG N	DEG N	CM/KG	FT	KM	DEG
0.0	10.7	343.0	559.9	29.2	27.6	160.0	5.1	-1.7	4.8	305.5	372.5	24.9	91.0	0.0	0.
00.9	04.9	90.9	1000.0	99.8	98.9	92.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	99.
00.9	09.9	95.9	975.0	95.9	94.9	97.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	99.
0.3	11.7	438.0	550.0	21.9	20.7	190.7	14.8	2.8	14.5	299.5	342.7	16.5	91.0	0.3	357.
1.2	14.1	666.7	975.0	22.0	20.5	203.5	18.7	7.5	17.2	301.2	346.0	16.6	91.0	1.0	10.
2.0	16.5	906.4	500.0	23.0	16.8	215.7	21.5	14.0	16.9	305.3	342.2	13.6	68.3	2.0	22.
2.9	19.0	1151.5	875.0	25.1	11.5	225.6	20.2	14.4	14.1	309.6	337.6	9.8	42.6	3.1	30.
3.7	21.5	1467.4	950.0	24.0	12.1	226.1	18.5	13.4	12.8	311.2	337.4	5.2	41.6	4.0	36.
4.6	24.1	1665.1	825.0	21.8	9.0	240.9	17.7	17.2	9.6	311.7	336.7	8.8	43.9	4.9	36.
5.6	26.6	1934.1	800.0	19.0	7.4	219.7	17.5	11.0	13.7	312.2	334.7	8.1	46.8	6.0	43.
6.6	29.2	2204.7	775.0	16.9	6.6	219.1	17.1	10.8	13.3	312.6	334.8	8.0	50.8	6.8	39.
7.6	31.9	2484.7	750.0	14.5	6.1	232.2	17.1	13.5	10.5	312.1	334.8	7.9	57.9	7.6	41.
8.5	34.6	2775.4	725.0	12.1	4.1	232.5	17.5	14.8	9.4	312.7	333.3	7.1	58.0	8.7	42.
9.4	37.2	3063.4	700.0	5.6	3.4	243.3	19.5	14.1	6.5	313.1	333.5	7.0	65.4	9.6	44.
10.4	40.1	3364.3	675.0	6.7	3.5	254.0	12.5	12.5	3.1	313.1	334.4	7.3	82.1	10.1	46.
11.4	43.9	3673.6	650.0	3.7	2.0	260.0	13.4	13.2	2.3	313.1	333.0	6.9	86.8	11.0	46.
12.4	47.9	3991.9	625.0	2.2	-9.5	265.9	11.6	11.7	0.8	315.6	324.1	3.0	41.5	11.7	50.
13.4	51.9	4320.9	600.0	0.7	-11.9	272.0	10.6	10.6	-0.4	316.5	325.0	2.6	38.4	12.3	53.
14.4	55.9	4661.3	575.0	-1.9	-13.6	282.3	8.7	8.3	-2.6	318.2	325.6	2.3	35.4	12.7	55.
15.0	59.9	5014.4	550.0	-2.6	-25.8	289.9	10.7	9.4	-3.2	321.0	323.9	0.9	15.1	13.2	57.
16.4	59.0	5391.7	525.0	-5.2	-40.1	307.8	11.0	8.7	-8.7	322.2	323.0	0.2	4.4	13.5	61.
17.8	61.1	5763.3	500.0	-7.3	-41.2	305.1	9.2	7.5	-9.3	324.1	324.9	0.2	4.6	13.6	64.
19.2	63.4	6161.5	475.0	-5.4	-41.0	308.4	8.2	6.8	-8.6	326.4	327.2	0.2	5.5	14.3	67.
21.7	67.8	6577.1	450.0	-12.3	-47.7	301.9	7.6	6.3	-12.2	327.6	328.3	0.1	3.3	14.6	69.
23.2	71.3	7011.0	425.0	-15.7	-45.1	294.9	8.7	7.9	-13.7	328.6	329.4	0.2	5.9	15.1	71.
24.7	74.0	7465.4	400.0	-18.8	-48.8	281.5	10.2	9.9	-2.4	330.2	330.9	0.1	5.1	15.8	73.
26.4	77.7	7942.6	375.0	-21.8	-46.5	278.4	11.5	11.4	-0.9	331.4	332.0	0.2	9.3	16.8	75.
28.3	82.5	8463.8	350.0	-27.3	-48.8	276.3	11.4	11.3	-1.3	337.2	332.5	0.1	10.7	17.0	76.
30.7	86.6	8973.3	325.0	-30.6	-52.1	287.7	11.1	10.6	-3.4	334.6	334.9	0.1	10.0	19.1	78.
32.2	90.6	9516.6	300.0	-34.3	-45.3	278.6	12.6	12.4	-1.9	335.4	335.9	0.1	10.6	20.3	80.
34.1	93.2	10139.5	275.0	-38.3	-57.8	251.3	23.5	23.3	3.6	339.7	339.9	0.1	10.7	22.1	82.
36.1	93.4	10780.0	250.0	-41.7	-54.9	256.7	38.3	37.3	8.8	344.1	349.9	56.9	95.9	26.1	80.
38.8	100.8	11490.2	225.0	-45.1	-92.9	254.4	44.6	42.5	13.4	349.5	349.9	56.9	95.9	32.9	79.
41.5	113.2	12277.3	200.0	-51.1	-59.9	248.2	44.4	41.3	10.5	351.5	349.9	56.9	95.9	43.1	77.
44.2	116.0	13131.5	175.0	-56.7	-59.9	242.0	43.2	41.1	13.3	356.2	349.9	56.9	95.9	46.9	76.
47.1	127.3	14065.4	150.0	-61.5	-94.9	242.9	39.1	37.3	11.5	360.7	349.9	56.9	95.9	55.1	75.
50.4	137.1	15095.0	125.0	-66.1	-53.9	243.9	25.2	24.2	7.0	375.4	349.9	56.9	95.9	61.3	75.
54.2	137.3	16562.3	100.0	-64.2	-90.9	99.9	99.9	99.9	99.9	401.6	349.9	56.9	95.9	99.9	99.
58.9	63.1	56.9	75.0	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
63.9	52.1	98.9	50.0	99.9	50.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
68.9	56.9	56.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG  
9 BY TIME MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
99.9 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 31  
MEMPHIS, OKLAHMA

7 JUL 1970  
2026 GMT

134 83. 0

TIME MIN	CHCT	WIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WZ RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	10.2	343.0	941.5	33.9	18.0	180.0	11.0	0.0	11.0	310.2	348.5	13.7	39.0	0.0	0.
98.9	99.9	99.9	1000.0	99.9	59.9	99.9	99.9	99.9	99.9	59.5	599.9	99.9	999.9	999.9	999.
99.3	99.9	99.9	975.0	59.9	59.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.
0.4	11.3	451.8	940.0	31.7	20.2	180.0	12.2	0.4	12.2	309.4	353.4	16.4	52.0	0.5	4.
1.5	13.7	691.5	925.0	25.7	20.2	180.0	11.9	3.0	11.5	309.7	353.7	16.4	56.7	1.2	5.
2.3	16.2	936.1	900.0	27.6	19.1	204.2	12.4	5.1	11.3	310.0	353.3	15.7	59.9	1.7	11.
2.9	19.7	1185.3	875.0	27.1	18.0	203.5	12.3	4.9	11.2	309.5	351.5	15.1	64.6	2.2	14.
3.4	21.2	1435.9	850.0	27.9	16.8	203.1	12.4	4.6	11.4	310.1	349.9	14.4	68.9	2.7	16.
4.3	23.8	1699.9	825.0	20.3	16.4	204.7	13.6	5.7	12.3	310.1	349.9	14.4	78.5	3.2	17.
5.1	25.4	1975.5	800.0	15.5	9.5	221.7	13.5	5.0	10.1	311.9	333.7	9.4	83.0	3.8	19.
5.4	26.9	2236.7	775.0	20.1	6.1	234.7	14.4	11.8	8.4	315.4	333.7	7.4	40.2	4.4	24.
6.4	31.6	2522.3	750.0	12.8	5.1	234.4	14.5	11.8	8.4	317.0	333.7	7.4	40.6	5.1	28.
9.0	34.2	2912.2	725.0	16.6	2.5	236.5	14.4	12.0	7.9	317.7	333.7	6.4	38.8	6.0	33.
9.1	37.0	3109.5	700.0	13.7	0.3	239.4	13.9	12.0	7.1	317.6	333.7	5.6	35.8	6.9	36.
9.1	39.8	3414.6	675.0	11.0	-1.2	242.6	14.1	12.5	6.5	318.5	333.7	5.1	41.8	7.7	39.
1.1	42.7	3728.3	650.0	8.5	-1.7	246.9	13.7	12.6	5.4	319.6	333.7	5.2	48.7	8.4	41.
12.3	45.5	4051.4	625.0	6.0	-3.4	249.1	11.1	10.3	3.9	319.2	333.8	4.8	50.9	9.1	43.
13.0	48.5	4384.3	600.0	3.1	-4.8	249.6	9.2	8.3	3.9	319.7	333.8	4.5	56.2	9.6	45.
14.0	51.5	4727.8	575.0	0.1	-6.8	242.1	6.8	6.0	3.2	320.1	332.4	4.0	58.6	10.1	46.
15.2	54.6	5082.2	550.0	-3.4	-8.6	233.3	7.1	5.7	4.2	320.1	331.4	3.6	67.4	10.5	46.
16.4	57.7	5448.4	525.0	-5.1	-11.5	233.6	6.2	5.0	3.7	322.2	328.7	1.3	26.8	11.0	46.
17.4	60.9	5830.8	500.0	-6.2	-15.2	237.5	6.7	5.6	3.6	325.5	328.9	1.0	20.4	11.5	47.
19.3	64.1	6230.5	475.0	-8.6	-20.4	237.6	6.1	6.8	4.7	327.3	330.2	1.0	28.3	12.0	47.
20.6	67.6	6647.3	450.0	-11.9	-25.6	235.4	7.4	6.3	7.7	329.4	331.7	1.0	28.1	12.7	48.
21.3	71.0	7081.9	425.0	-15.5	-31.1	227.6	9.2	7.8	6.4	329.1	331.5	0.7	24.7	13.4	48.
23.3	74.6	7536.4	400.0	-19.1	-34.6	212.9	10.0	6.0	8.0	330.2	332.0	0.5	22.8	14.3	49.
24.4	79.3	8013.7	375.0	-22.3	-41.2	212.9	10.0	5.4	8.4	332.1	333.2	0.3	15.9	15.1	47.
26.3	82.2	8512.0	350.0	-25.8	-44.5	219.8	13.6	8.7	10.5	334.0	334.7	0.2	15.3	16.1	46.
27.7	86.3	9051.6	325.0	-28.1	-47.8	236.4	22.5	18.8	12.4	338.0	338.6	0.2	14.6	17.5	46.
29.3	90.5	9624.5	300.0	-24.8	-49.5	233.1	31.5	24.1	14.2	343.5	343.0	0.1	12.6	20.1	46.
31.3	95.0	10238.4	275.0	-35.8	-51.1	230.5	35.0	33.0	11.7	344.2	343.5	0.1	13.6	24.0	51.
33.3	99.6	10898.8	250.0	-35.7	-59.9	231.9	37.2	33.2	11.6	347.1	347.1	99.9	950.9	27.5	54.
35.0	104.6	11609.4	225.0	-44.6	-69.9	227.3	40.2	37.1	15.6	350.1	349.9	99.9	999.9	32.1	56.
37.2	110.0	12389.4	200.0	-50.1	-69.9	227.9	40.2	37.3	15.1	353.5	349.9	99.9	959.9	37.1	58.
39.5	115.8	13245.3	175.0	-57.5	-69.9	222.5	40.3	36.5	12.1	355.0	349.9	99.9	958.9	42.8	50.
42.1	122.0	14202.1	150.0	-64.1	-69.9	226.5	33.1	32.2	7.7	359.6	359.6	55.9	959.9	48.3	61.
45.1	129.0	15308.7	125.0	-69.0	-69.9	226.7	29.5	27.1	11.7	371.8	369.9	59.9	999.9	53.9	62.
49.1	137.0	16667.2	100.0	-69.3	-69.9	999.9	99.9	99.9	99.9	993.8	999.9	59.9	999.9	60.0	62.
99.9	99.9	99.9	75.0	55.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	59.9	99.9	99.9	99.9	99.9	55.5	599.9	55.5	999.9	999.9	999.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE - TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION - 1.0 LESS THAN 6 DEG

STATION NO. 31  
 MEMPHIS, TENNESSEE

 7 JUN 1979  
 2316 GMT

TIME MM	CNCT	WEIGHT GPM	PRCS MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT 1 DEG M	E POT 1 DEG M	MR RTO CM/KG	RM PCY	RANGE KM	AZ DEG
0.0	16.4	343.0	961.6	33.8	19.1	180.0	7.7	0.0	7.7	310.4	351.0	14.7	42.6	0.0	0.0
0.0	99.9	99.9	1000.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	975.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	11.5	453.1	950.0	32.6	22.3	99.9	99.9	99.9	99.9	310.5	360.5	18.2	54.1	99.9	99.9
1.2	13.9	653.9	925.0	30.7	21.7	99.9	99.9	99.9	99.9	310.7	360.7	17.9	58.7	99.9	99.9
2.3	16.4	939.4	900.0	28.4	20.2	99.9	99.9	99.9	99.9	310.2	357.3	16.9	61.3	99.9	99.9
2.4	18.9	1189.5	875.0	25.9	19.5	198.0	12.2	4.1	12.1	310.7	358.5	16.6	67.7	2.2	10.0
3.6	21.5	1405.2	850.0	23.8	19.5	195.1	14.4	4.7	13.6	311.1	358.1	17.0	76.8	2.9	12.0
4.4	24.0	1706.1	825.0	21.3	17.7	205.1	14.1	6.0	12.7	311.1	358.6	15.7	80.1	3.5	14.0
5.2	26.6	1973.1	800.0	19.1	15.6	217.1	13.1	7.9	10.5	311.2	350.7	14.1	80.1	4.1	16.0
5.8	29.2	2246.4	775.0	16.3	11.4	227.1	13.6	10.0	9.3	313.2	348.8	11.0	64.0	4.6	19.0
6.6	31.6	2527.6	750.0	17.5	6.1	233.0	13.0	10.3	7.8	315.2	338.6	7.9	47.0	5.1	23.0
7.6	34.6	2816.5	725.0	15.9	2.8	230.9	12.6	9.8	8.0	316.5	338.2	6.5	41.5	5.8	26.0
9.0	37.3	3114.0	700.0	14.3	-1.8	233.9	11.2	9.0	6.6	318.4	332.9	4.8	32.9	6.7	30.0
10.3	40.1	3419.7	675.0	11.8	-3.3	236.6	10.3	8.6	5.6	318.5	332.4	4.4	34.5	7.5	33.0
11.5	43.0	3723.9	650.0	9.0	-4.5	237.2	8.3	7.0	4.5	319.1	332.1	4.2	38.2	8.1	35.0
12.6	45.9	4037.1	625.0	6.2	-4.3	235.1	7.7	6.3	4.4	319.6	332.2	4.5	46.7	8.6	36.0
13.7	49.8	4390.3	600.0	3.1	-5.3	235.6	6.4	5.3	3.6	319.7	332.9	4.3	54.2	9.0	37.0
14.9	51.8	4733.5	575.0	-0.4	-6.7	238.7	6.3	5.4	3.3	319.6	331.9	4.0	62.1	9.5	38.0
16.1	54.9	5087.4	550.0	-2.6	-17.6	236.4	6.6	5.5	3.7	321.0	326.6	1.7	30.5	9.9	39.0
17.4	58.0	5459.4	525.0	-4.1	-19.9	223.4	7.4	5.1	5.3	323.2	328.5	1.5	27.8	10.5	39.0
19.1	61.2	5839.8	500.0	-6.5	-22.8	224.7	7.4	5.2	5.3	325.2	329.3	1.2	26.0	11.1	40.0
20.6	64.4	6238.2	475.0	-8.9	-23.0	222.9	8.3	5.6	4.0	327.6	329.7	0.8	19.5	11.9	40.0
22.2	67.9	6673.9	450.0	-12.3	-31.1	220.0	8.0	5.2	6.1	327.8	330.0	0.6	19.6	12.6	40.0
23.6	71.3	7088.5	425.0	-15.4	-36.3	217.2	9.6	5.8	7.6	329.2	330.6	0.4	14.7	13.5	40.0
25.4	74.9	7583.3	400.0	-18.8	-38.7	224.2	13.1	9.1	9.4	330.6	331.8	0.3	15.2	14.5	40.0
27.0	78.6	8021.8	375.0	-21.2	-40.6	234.4	20.3	14.5	11.0	333.6	334.7	0.3	15.4	16.0	41.0
28.8	82.4	8428.1	350.0	-23.8	-43.8	239.9	29.0	25.3	14.5	336.7	337.5	0.2	13.9	18.6	43.0
30.4	86.5	8867.6	325.0	-26.1	-45.4	244.7	32.6	28.4	13.9	340.7	341.5	0.2	14.3	22.2	46.0
32.9	90.7	9340.7	300.0	-31.1	-47.4	247.2	35.1	32.4	13.6	341.6	342.2	0.2	18.2	26.4	50.0
35.3	95.2	10211.7	275.0	-36.2	-51.2	244.9	36.3	32.9	15.4	342.6	343.3	0.1	19.4	31.2	52.0
37.6	99.8	10908.6	250.0	-39.5	-54.3	242.3	37.5	33.2	17.4	347.2	347.7	0.1	18.9	36.5	54.0
40.5	104.8	11620.6	225.0	-44.9	-59.9	242.3	39.8	35.3	16.5	349.7	349.9	99.9	99.9	42.8	55.0
43.2	110.0	12387.8	200.0	-51.1	-59.0	232.6	36.1	34.5	10.8	351.2	349.9	99.9	99.9	48.0	57.0
46.3	116.0	13251.9	175.0	-57.1	-59.9	261.0	33.3	32.8	5.2	355.7	349.9	99.9	99.9	55.0	59.0
49.5	122.3	14215.4	150.0	-63.7	-59.9	249.1	32.3	30.2	11.5	360.4	349.9	99.9	99.9	63.6	61.0
52.9	129.3	15315.8	125.0	-65.8	-59.9	189.0	29.6	4.1	29.3	368.6	349.9	99.9	99.9	68.3	61.0
57.2	137.3	16641.9	100.0	-65.8	-59.9	99.9	99.9	99.9	99.9	392.8	349.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

 99 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 99 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 33  
RTVV, OKLAHOMA

7 JUNE 1979  
1121 GMT

102 180. 0

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DEG K	E POT T DEG K	WIND CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	10.7	363.0	958.9	22.1	21.8	170.0	6.0	-1.0	5.9	298.8	344.4	17.4	98.0	0.0	0.
99.0	99.9	58.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	11.4	444.6	950.0	22.0	21.3	157.9	10.2	5.9	18.2	269.5	344.3	17.0	55.6	0.0	11.
1.0	13.6	677.5	925.0	22.1	21.1	206.1	20.6	9.0	18.5	301.5	348.0	17.4	94.7	1.0	15.
1.8	16.1	915.7	930.0	22.0	20.9	221.7	23.2	15.4	17.3	308.2	346.1	15.6	83.1	2.1	25.
2.7	18.5	1163.6	875.0	25.7	12.4	231.6	20.3	15.9	12.6	310.8	339.8	10.4	43.7	3.2	34.
3.6	20.9	1413.7	850.0	24.6	10.7	232.7	16.0	14.3	10.4	311.9	337.8	9.1	30.7	4.1	38.
4.4	23.3	1619.7	825.0	22.5	9.8	232.9	17.6	18.0	10.6	312.4	337.1	6.7	41.5	5.0	41.
5.2	25.7	1946.6	800.0	23.1	7.7	233.4	16.6	13.2	9.1	312.6	336.3	6.3	44.5	5.9	41.
6.1	28.2	2219.1	775.0	17.5	6.6	243.2	14.3	12.4	7.1	312.6	335.5	7.9	48.8	6.6	44.
7.0	30.6	2458.0	750.0	18.6	5.7	243.5	12.3	11.0	5.5	313.6	335.8	7.7	51.4	7.2	46.
8.0	33.3	2706.1	725.0	13.1	5.4	242.6	13.1	11.8	6.1	318.1	336.8	7.8	54.4	7.9	47.
9.3	35.9	3080.1	700.0	10.1	3.7	246.3	13.9	12.8	5.6	313.7	336.3	7.1	63.5	8.7	47.
9.9	38.6	3381.9	675.0	7.7	3.7	255.8	12.4	12.2	3.1	314.3	335.8	7.4	75.7	9.4	51.
10.8	41.3	3692.2	650.0	4.8	3.5	262.4	13.0	12.9	1.7	314.4	336.5	7.6	91.1	10.0	53.
11.8	44.1	4016.5	625.0	1.8	-1.8	265.8	12.9	12.9	1.0	314.5	336.4	5.4	76.8	10.7	55.
13.0	46.3	4390.5	600.0	0.3	-15.6	266.0	12.6	12.8	0.9	316.4	337.5	1.9	29.6	11.5	57.
14.1	48.8	4679.3	575.0	-1.6	-17.5	273.0	12.2	12.2	-0.0	317.1	323.5	1.7	28.4	12.2	59.
15.2	51.9	5012.2	550.0	-4.0	-20.8	279.6	11.6	11.4	-1.9	319.4	321.7	1.3	25.6	12.3	61.
16.7	55.9	5339.0	525.0	-4.5	-37.0	287.7	11.3	10.8	-3.4	323.6	324.1	0.3	5.8	13.6	64.
18.0	59.0	5781.6	500.0	-7.0	-49.7	277.1	12.3	12.2	-1.5	328.5	327.0	0.7	15.8	14.3	67.
19.3	62.1	6178.4	475.0	-9.6	-49.7	280.7	11.2	11.0	-2.1	326.1	327.0	0.2	5.9	15.1	69.
20.6	65.8	6595.2	450.0	-11.9	-50.8	287.8	10.1	9.6	-3.1	328.2	328.4	0.1	2.6	15.9	72.
22.2	68.8	7029.8	425.0	-15.2	-53.7	283.3	9.3	9.0	-2.1	329.5	328.7	0.1	2.1	16.3	72.
23.9	72.3	7484.3	400.0	-18.9	-54.8	282.2	10.4	10.1	-2.2	330.5	330.7	0.1	2.9	17.3	73.
25.3	75.9	7981.5	375.0	-22.3	-59.9	282.2	12.4	12.1	-2.6	332.1	332.3	0.0	1.8	18.3	75.
27.0	79.6	8468.7	350.0	-25.9	-61.4	276.6	13.7	13.6	-1.6	333.5	334.0	0.0	2.0	19.5	77.
28.8	83.5	8956.9	325.0	-30.0	-62.7	272.5	15.6	15.4	-0.7	335.4	335.8	0.0	2.5	20.9	78.
33.4	87.6	9431.5	300.0	-33.4	-64.1	261.6	24.1	23.6	3.5	338.4	334.5	0.0	2.8	22.7	79.
38.0	92.0	10171.1	275.0	-36.4	-73.4	253.7	39.2	38.5	7.7	342.5	342.5	0.0	1.0	25.6	79.
38.2	94.5	10926.0	250.0	-35.9	99.9	257.4	51.7	50.5	11.3	346.7	346.7	99.9	99.9	31.8	79.
38.5	101.4	11538.9	225.0	-45.5	92.9	257.1	55.7	54.3	12.5	348.7	348.7	99.9	99.9	39.4	78.
38.9	106.6	12313.3	200.0	-52.2	99.9	993.9	59.9	59.9	99.9	350.1	350.1	99.9	99.9	47.1	78.
99.9	93.9	99.9	175.0	49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	125.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	93.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	93.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
0 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 33  
KTVY, OKLAHOMA7 JUNE 1979  
1405 GMT

126 101. 0

TIME MIN	CHCTY	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	POT Y DEG K	MR RTO GPH	RH PCT	RANGE KM	AZ DEG
0.0	10.4	363.0	959.9	25.6	21.9	180.0	7.6	0.0	7.6	302.3	348.8	17.5	80.0	0.0	0.
0.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	11.2	450.7	950.0	25.1	21.5	331.2	7.2	1.1	-7.1	302.3	348.7	17.3	80.1	1.2	15.
0.9	13.6	689.3	925.0	23.4	21.5	274.1	6.4	0.3	-6.5	303.3	350.7	17.0	80.8	1.1	19.
1.4	16.0	929.9	900.0	21.7	19.4	218.3	17.7	11.0	13.9	303.5	347.5	16.3	88.2	1.6	23.
2.4	18.5	1179.4	875.0	22.7	12.6	229.6	23.6	17.9	15.3	307.4	336.9	10.7	53.6	2.7	31.
3.1	23.9	1427.8	850.0	24.0	9.8	274.4	20.7	16.8	12.1	311.2	336.9	9.0	40.5	3.6	37.
4.1	21.5	1686.5	825.0	22.4	7.9	230.0	20.2	15.4	13.0	312.2	335.6	8.1	39.4	4.7	41.
5.1	26.0	1955.2	800.0	19.9	7.8	227.9	15.0	18.1	12.8	312.4	334.3	8.3	45.4	5.6	43.
6.1	28.4	2279.5	775.0	18.5	6.8	233.5	19.4	15.6	11.6	313.2	330.7	8.0	47.1	7.0	46.
7.2	31.0	2506.6	750.0	16.2	5.5	238.4	16.6	14.1	8.7	314.2	326.2	7.6	49.1	8.2	46.
8.3	33.7	2796.3	725.0	14.0	4.4	238.1	16.1	13.7	8.5	314.5	326.1	7.3	52.3	9.2	47.
9.4	36.4	3091.4	700.0	11.3	3.9	244.6	15.4	13.9	6.6	315.0	326.2	7.3	60.4	10.2	49.
10.4	39.1	3394.3	675.0	9.0	3.7	254.0	14.4	13.8	4.0	315.7	327.4	7.4	69.2	11.1	50.
11.4	41.9	3706.1	650.0	6.3	1.2	267.5	11.9	11.9	0.5	316.2	328.2	6.5	60.5	11.9	52.
12.7	44.8	4026.7	625.0	3.2	-5.1	282.0	10.2	10.4	-2.2	316.2	328.6	4.2	52.1	12.4	55.
14.0	47.7	4356.4	600.0	0.3	-6.5	293.6	10.3	10.0	-2.4	316.2	328.4	3.9	60.5	13.0	57.
15.3	50.7	4656.5	575.0	-1.6	-21.6	290.5	9.1	8.5	-3.2	318.1	322.0	1.2	19.9	13.5	60.
16.8	53.6	5049.6	550.0	-2.8	-29.7	300.5	8.1	7.0	-4.1	320.7	322.6	0.6	10.4	14.0	62.
18.3	56.8	5416.6	525.0	-4.8	-39.5	297.4	8.6	6.2	-2.6	322.7	324.6	0.4	12.3	14.3	65.
19.6	59.9	5799.5	500.0	-6.5	-32.9	274.1	9.7	5.6	-0.7	325.1	325.8	0.5	10.1	15.0	66.
21.2	61.1	6157.2	475.0	-5.4	-37.0	274.6	9.2	9.5	-1.1	326.1	327.6	0.3	8.4	15.8	68.
22.8	62.4	6612.8	450.0	-12.3	-36.4	293.5	8.2	8.0	-1.9	327.2	329.2	0.4	11.3	16.6	69.
24.4	69.9	7047.4	425.0	-15.0	-38.8	286.9	6.0	7.7	-2.3	329.7	330.8	0.3	11.0	17.2	71.
26.2	71.3	7502.9	400.0	-18.2	-44.1	284.8	6.1	7.8	-2.1	331.2	332.0	0.2	8.1	17.9	73.
28.2	77.0	7981.4	375.0	-21.3	-46.2	287.8	9.1	9.1	0.3	333.2	334.1	0.2	8.4	18.6	75.
30.3	80.8	8486.6	350.0	-25.5	-49.0	288.4	12.2	11.3	4.5	334.4	334.9	0.1	8.9	20.1	76.
32.4	84.7	9020.5	325.0	-26.1	-49.4	290.8	15.9	13.1	5.2	336.2	337.1	0.1	12.0	21.8	78.
34.4	88.8	9589.2	300.0	-31.1	-50.8	299.0	25.5	21.8	4.9	341.6	342.1	0.1	12.2	24.2	79.
36.7	91.2	10202.7	275.0	-34.1	-55.1	281.9	38.7	30.3	5.6	345.4	345.1	0.1	9.8	26.7	75.
39.2	97.8	10962.8	250.0	-39.2	99.9	282.7	47.0	40.6	6.0	347.4	347.9	99.9	59.9	35.4	76.
41.9	102.8	11575.1	225.0	-45.7	99.9	282.6	45.4	45.0	5.8	348.5	348.5	99.9	55.9	42.8	77.
45.0	105.0	12357.3	200.0	-50.1	99.9	288.0	45.2	45.2	9.4	353.2	353.2	99.9	99.9	50.9	78.
49.2	114.0	13213.0	175.0	-56.1	99.9	297.5	47.7	45.6	14.1	357.4	357.4	99.9	99.9	60.8	78.
51.5	123.3	14174.7	150.0	-64.2	99.9	297.5	45.5	45.4	9.9	359.5	359.5	99.9	99.9	69.3	77.
55.0	127.3	14282.8	125.0	-65.5	99.9	280.6	28.2	27.9	4.6	376.8	376.8	99.9	99.9	77.1	77.
59.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 33  
HTVY. CRLANDRA

7 JUNE 1979  
1705 GMT

TIME MIN	CMTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	M/R TTD G/M/KG	RM PCT	RANGE KM	AZ DEG
0-0	11-1	363-0	961-0	29-0	23-9	190-8	4-0	1-0	5-9	305-2	358-9	19-8	74-0	0-0	0-
00-9	09-9	1000-0	999-0	29-9	23-9	190-8	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
01-0	09-9	999-0	999-0	29-9	23-9	190-8	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
02-0	11-9	466-0	950-0	28-6	21-8	201-9	12-2	4-6	11-3	306-2	353-8	17-6	66-9	0-4	15-
03-0	14-3	702-9	925-0	26-0	20-9	201-7	12-8	4-7	11-9	305-5	352-3	17-2	73-6	0-8	19-
04-0	16-7	944-4	900-0	23-4	20-2	206-7	12-4	5-6	11-1	305-7	351-0	16-8	82-3	1-4	20-
05-0	19-1	1190-9	875-0	22-0	19-8	213-5	14-3	7-9	11-9	306-1	352-8	17-0	87-5	2-1	24-
06-0	21-6	1443-1	850-0	22-2	11-1	227-2	19-0	13-2	12-2	309-4	337-2	9-9	94-9	3-1	29-
07-0	24-1	1702-9	825-0	21-6	8-3	225-2	23-0	15-2	13-1	311-4	335-4	6-4	42-5	4-2	35-
08-0	26-6	1969-1	800-0	19-9	6-8	225-6	16-7	12-0	11-7	312-4	334-7	7-8	42-4	5-2	37-
09-0	29-1	2242-3	775-0	17-6	5-5	226-5	14-5	10-5	10-0	312-2	333-9	7-3	44-7	6-0	38-
10-0	31-7	2572-4	753-0	14-8	4-7	218-4	15-0	12-8	7-9	314-4	331-7	7-2	44-7	6-9	40-
11-0	34-3	2910-2	735-0	14-3	2-3	243-3	13-9	12-6	5-8	315-1	333-6	6-3	44-5	7-8	42-
12-0	37-0	3103-8	700-0	12-6	1-3	243-5	15-0	13-1	7-4	316-2	337-5	6-8	53-0	8-8	45-
13-0	39-7	3410-5	675-0	10-1	2-4	246-8	12-5	11-9	5-1	316-5	337-5	6-8	58-7	9-9	47-
14-0	42-4	3722-6	652-0	6-4	-0-6	253-8	11-0	10-6	3-1	316-2	331-1	5-6	60-5	10-7	49-
15-0	45-3	4043-7	625-0	4-5	-3-4	263-7	7-8	7-7	0-5	317-4	332-0	4-8	56-5	11-3	51-
16-0	48-2	4374-8	600-0	1-7	-7-6	272-3	5-8	5-8	-0-2	318-1	325-1	3-6	49-9	11-6	52-
17-0	51-1	4716-0	575-0	-1-3	-14-7	283-1	5-9	5-7	1-7	318-2	325-4	2-2	37-9	11-9	53-
18-0	54-1	5065-3	550-0	-2-9	-26-7	293-1	7-6	6-9	3-2	320-7	323-3	0-8	13-8	12-3	54-
19-0	57-3	5436-2	525-0	-5-3	-30-6	297-4	8-8	8-1	3-4	322-1	324-1	0-6	11-5	12-9	55-
20-0	60-4	5818-2	500-0	-6-7	-31-6	296-0	6-5	6-2	2-0	324-5	326-8	0-5	11-6	13-5	55-
21-0	63-5	6216-9	475-0	-9-3	-33-5	293-1	7-3	7-2	1-5	326-4	328-1	0-5	11-9	14-1	56-
22-0	67-0	6632-9	450-0	-11-7	-30-3	293-2	5-9	5-2	1-6	328-4	331-0	0-7	19-5	14-6	57-
23-0	70-3	7068-7	425-0	-14-4	-25-8	296-7	5-5	5-7	1-3	330-4	332-1	0-4	14-2	15-0	57-
24-0	73-9	7525-4	400-0	-17-5	-41-7	261-3	5-4	5-4	0-6	332-3	333-2	0-2	10-6	15-5	58-
25-0	77-5	8005-1	375-0	-21-6	-44-6	259-8	6-5	6-4	1-1	333-0	333-7	0-2	10-6	15-9	59-
26-0	81-3	8509-0	350-0	-25-0	-47-5	257-8	11-2	10-9	2-4	336-1	334-7	0-1	10-8	16-9	60-
27-0	85-2	9041-9	325-0	-28-7	-49-7	999-9	99-9	99-9	99-9	337-2	337-7	0-1	11-1	17-3	61-
28-0	89-3	9612-9	300-0	-30-9	-51-3	999-9	99-9	99-9	99-9	341-9	342-3	0-1	11-3	18-9	62-
29-0	93-9	999-9	275-0	99-9	92-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
30-0	98-9	999-9	250-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
31-0	99-9	999-9	225-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
32-0	99-9	999-9	200-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
33-0	99-9	999-9	175-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
34-0	99-9	999-9	150-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
35-0	99-9	999-9	125-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
36-0	99-9	999-9	100-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
37-0	99-9	999-9	75-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
38-0	99-9	999-9	50-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
39-0	99-9	999-9	25-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE 1  
F POOR QUALITY

STATION NO. 31  
MTV, OKLAHOMA

7 JUNE 1979  
2305 GMT

TIME MIN	CMTCT	HEIGHT GPM	PREC MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT T DEG C	E POT T DEG C	HA RTO GPM/KC	RM PCT	RANGE NM	AZ DEG
0-0	10-3	363-0	961-4	31-9	22-9	189-0	6-6	6-6	6-6	308-2	359-2	18-6	59-0	0-0	0-
00-0	09-9	99-9	1000-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
00-0	09-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
0-3	11-3	476-0	950-0	31-6	24-1	189-2	15-6	1-7	15-5	309-3	364-7	20-3	64-5	0-5	6-
1-1	13-7	710-8	92-0	25-3	22-6	185-4	15-1	1-4	15-1	309-4	362-0	19-2	67-3	1-0	7-
1-7	16-1	955-3	900-0	27-0	21-7	188-4	14-8	1-6	14-7	309-4	359-8	18-5	72-6	1-5	6-
2-4	18-6	1204-8	875-0	24-5	20-0	193-6	14-0	3-3	13-7	309-2	356-0	17-1	74-1	2-2	7-
3-4	21-1	1459-0	850-0	22-4	18-2	205-7	13-9	6-0	12-5	309-6	353-0	15-7	76-2	3-0	11-
4-3	23-6	1719-1	825-0	20-4	16-5	211-3	15-9	8-5	13-4	310-2	350-3	14-5	78-0	3-7	14-
5-3	26-1	1955-3	800-0	21-1	17-2	222-8	16-8	10-8	11-7	313-7	336-8	6-0	40-6	4-4	18-
5-9	28-7	2260-1	775-0	20-4	15-8	231-3	13-8	10-8	6-6	315-7	336-2	7-0	35-9	5-0	23-
6-7	31-3	2542-5	750-0	17-5	13-3	225-4	13-2	10-5	9-0	316-4	335-6	6-5	36-3	5-7	26-
7-9	34-0	2831-7	725-0	16-0	0-4	242-2	12-5	11-0	5-4	317-1	333-4	5-5	34-6	6-5	30-
9-1	36-7	3124-8	700-0	17-5	-0-2	248-5	10-0	8-7	4-9	317-2	333-7	5-4	38-8	7-2	34-
10-3	39-4	3433-9	675-0	11-0	-1-4	232-1	7-6	8-0	4-7	318-2	333-4	5-1	42-1	7-8	35-
11-5	42-2	3747-5	650-0	8-2	-2-4	228-6	6-4	4-8	4-2	318-2	333-2	4-9	46-9	8-2	36-
12-6	45-1	4070-1	625-0	5-5	-3-3	234-3	4-7	3-8	2-7	318-2	333-1	4-7	52-1	8-6	37-
13-9	48-0	4302-3	600-0	2-8	-4-8	236-5	3-4	2-8	1-9	319-2	333-0	4-5	57-5	9-1	38-
15-2	51-0	4744-6	575-0	-0-3	-6-1	236-6	3-5	3-8	1-9	319-2	332-4	4-2	65-2	9-1	38-
16-5	54-0	5068-7	550-0	-1-9	-27-3	232-3	5-8	4-4	3-5	321-6	326-4	0-7	12-2	9-4	32-
17-8	57-0	5468-3	525-0	-3-1	-32-0	225-1	5-9	4-2	4-1	324-1	326-4	0-5	8-5	9-9	39-
19-2	60-1	5852-5	500-0	-5-6	-33-8	221-9	5-5	3-7	4-1	326-2	327-5	0-4	8-8	10-4	35-
20-5	63-5	6252-3	475-0	-8-6	-35-6	230-0	5-7	4-3	3-6	327-2	328-7	0-4	9-1	10-8	36-
22-1	66-9	6669-9	450-0	-10-8	-40-1	223-1	7-7	5-4	5-4	329-6	330-6	0-3	6-9	11-4	42-
23-6	70-3	7102-4	425-0	-14-1	-42-2	230-1	11-5	8-8	7-4	330-6	331-6	0-2	7-1	12-3	40-
25-2	73-8	7522-2	400-0	-17-3	-39-3	248-3	19-0	16-5	9-4	332-5	333-7	0-3	12-6	13-6	42-
26-7	77-4	8043-4	375-0	-20-4	-41-6	242-5	27-2	24-1	12-6	336-1	335-5	0-3	12-9	15-6	45-
28-5	81-3	8552-2	350-0	-22-1	-44-9	242-4	31-0	27-5	14-3	339-2	339-8	0-2	10-4	18-7	47-
30-3	85-3	9093-8	325-0	-25-9	-47-0	248-6	35-0	32-6	12-8	341-0	341-7	0-2	11-7	22-0	50-
32-5	89-5	9667-6	300-0	-31-1	-49-7	250-3	35-2	33-2	11-9	341-2	342-0	0-1	14-0	26-5	54-
34-8	93-8	10378-7	275-0	-35-9	-52-2	249-0	37-1	34-6	13-3	343-2	343-6	0-1	16-8	31-2	56-
37-1	98-4	10936-6	250-0	-35-8	-50-9	248-2	41-7	38-2	16-9	347-0	349-9	99-9	99-9	38-7	58-
39-9	103-4	11648-1	225-0	-41-6	-49-9	247-0	41-9	38-6	16-4	348-2	349-9	99-9	99-9	43-6	59-
42-9	109-6	12425-0	200-0	-50-6	-59-9	251-6	37-5	36-0	10-6	352-7	359-9	99-9	99-9	50-4	61-
45-8	116-4	13281-5	175-0	-37-0	-59-9	255-7	37-4	36-4	8-6	355-2	359-9	99-9	99-9	57-0	62-
48-0	123-5	14243-6	150-0	-63-3	-97-9	248-2	29-9	27-8	11-1	361-1	369-9	99-9	99-9	63-1	64-
52-3	127-3	15344-6	125-0	-61-5	-59-9	251-6	24-9	23-7	7-9	370-5	369-9	99-9	99-9	68-5	64-
56-3	135-3	16871-7	100-0	-70-7	-99-9	99-9	99-9	99-9	99-9	391-1	399-9	99-9	99-9	99-9	99-9
59-9	00-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 34  
MOUNTAIN VIEW, OKLAHOMA  
7 JUNE 1979  
1105 GMT

TIME MIN	CHCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT E DEG M	E POT Y DEG M	MP RTD CM/KC	RH PCT	RANGE KM	AZ DEG
0.0	11.3	417.0	951.4	23.1	19.3	190.0	6.2	0.0	6.2	300.2	340.7	15.2	80.0	0.0	0.
99.9	93.9	499.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	11.4	424.9	950.0	23.2	19.2	184.3	6.7	0.7	6.7	300.7	341.4	15.4	80.6	0.1	4.
0.4	13.7	463.0	925.0	22.5	18.2	202.5	20.2	9.9	17.6	302.3	343.3	15.4	82.0	0.8	21.
1.7	15.9	902.7	900.0	27.1	19.0	222.8	23.1	15.7	17.0	305.2	340.2	12.0	64.3	1.9	31.
2.4	19.1	1150.5	875.0	27.9	11.8	222.7	21.9	16.0	15.0	310.7	339.0	10.0	41.4	2.9	37.
1.2	20.1	1405.4	850.0	24.3	10.4	229.6	21.0	14.0	13.6	311.4	331.2	9.4	41.5	3.9	39.
4.0	23.6	1666.0	825.0	22.1	9.0	229.9	20.9	14.2	13.0	312.0	337.0	8.0	43.1	4.9	41.
4.0	24.9	1932.3	800.0	16.9	7.6	227.7	18.2	14.5	12.2	312.4	336.1	8.3	45.0	5.9	43.
5.7	27.2	2205.2	775.0	17.6	6.7	221.5	16.0	16.1	10.2	312.7	335.7	8.0	46.6	6.9	44.
6.5	29.5	2484.8	750.0	15.3	5.6	241.7	16.0	15.8	6.5	313.2	335.6	7.9	53.3	7.7	46.
7.4	31.9	2771.8	725.0	13.2	5.1	241.0	16.2	14.2	7.9	314.0	336.2	7.7	57.9	8.5	49.
8.3	34.4	3065.5	700.0	10.3	7.6	241.8	15.1	13.5	6.7	313.5	333.3	6.6	58.8	9.3	47.
9.1	36.4	3367.6	675.0	8.2	7.9	240.5	14.5	13.6	5.1	314.4	335.3	7.0	65.3	10.1	50.
10.1	37.1	3678.1	650.0	5.4	-0.6	269.0	11.5	11.5	0.4	315.1	331.9	5.7	65.2	10.7	52.
11.1	41.9	3968.0	625.0	3.6	-6.0	278.2	11.4	11.3	-1.6	316.4	328.5	3.9	49.3	11.3	54.
12.1	44.6	4266.2	600.0	0.7	-7.7	290.5	9.5	8.9	-3.3	318.5	327.9	3.6	53.3	11.7	57.
13.1	47.2	4608.5	575.0	-1.2	-13.4	293.1	9.0	7.4	-3.1	319.6	323.3	3.4	23.7	12.0	59.
14.2	50.0	5022.5	550.0	-2.2	-24.4	293.7	7.5	7.6	-1.9	321.2	324.7	0.9	15.8	12.3	61.
15.3	53.8	5390.4	525.0	-4.5	-22.4	273.9	8.5	0.3	-0.9	323.0	327.1	1.2	23.3	12.7	62.
16.4	55.6	5712.9	500.0	-7.8	-22.9	273.4	8.8	0.0	-0.5	323.5	327.6	1.2	26.6	13.3	63.
17.4	58.6	6169.9	475.0	-10.8	-27.6	278.1	6.6	6.5	-0.9	324.6	327.4	0.8	23.0	13.6	65.
19.9	61.6	6583.2	450.0	-13.2	-30.2	278.0	4.8	4.6	-0.3	326.7	329.1	0.7	22.2	14.1	66.
20.2	64.6	7016.2	425.0	-15.9	-35.7	278.5	5.4	5.3	-0.9	328.6	330.1	0.4	16.4	14.4	68.
21.5	67.9	7469.2	400.0	-20.1	-36.4	277.8	7.4	7.6	-1.0	329.9	330.6	0.4	21.7	14.9	67.
23.1	71.3	7944.1	375.0	-23.7	-39.2	278.6	8.9	8.8	-1.5	330.2	331.6	0.4	24.8	15.5	69.
24.4	74.6	8444.7	350.0	-27.0	-41.9	269.8	11.2	11.2	0.0	332.4	333.4	0.3	22.5	16.3	70.
26.1	78.1	8935.3	325.0	-30.9	-45.8	261.2	14.9	14.7	2.3	334.2	334.9	0.2	21.2	17.5	71.
29.0	81.8	9439.8	300.0	-32.8	-47.4	257.1	26.6	27.8	6.4	339.2	339.9	0.2	21.3	19.6	72.
29.7	85.7	10150.6	275.0	-35.1	-50.3	254.7	43.8	42.3	11.6	344.3	344.9	0.1	19.4	23.3	73.
31.7	90.8	10866.2	250.0	-40.3	-59.9	252.1	45.7	47.3	15.2	346.2	346.9	59.9	55.9	29.2	73.
33.9	94.2	11517.7	225.0	-46.4	-59.9	251.7	47.5	45.0	16.9	347.2	347.9	99.9	99.9	35.6	73.
36.3	98.4	12291.2	200.0	-51.4	-59.9	246.6	44.5	40.8	17.7	351.4	349.9	59.9	59.9	42.4	72.
39.0	103.9	13143.2	175.0	-56.0	-59.9	246.9	42.4	40.8	19.5	352.4	349.9	59.9	59.9	47.3	71.
41.6	109.3	14096.4	150.0	-64.6	-59.9	249.7	42.7	40.8	14.8	358.4	349.9	99.9	99.9	52.5	70.
44.9	115.3	15200.5	125.0	-68.2	-59.9	249.8	30.0	28.2	10.4	371.2	349.9	99.9	99.9	63.8	71.
45.5	122.3	16344.7	100.0	-66.2	-59.9	249.8	95.9	95.9	99.9	399.9	99.9	99.9	99.9	99.9	99.9
49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 1 DEG

STATION NO. 34  
 MOUNTAIN VIEW, OKLAHOMA

 7 JUNE 1979  
 1405 GMT

TIME MIN	CNTCY	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POV T DEG R	R ACT T DEG R	M2 RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0-0	10-7	417-0	952-4	27-3	14-0	100-0	5-1	8-9	5-0	304-7	343-4	14-3	59-0	0-0	0-
00-0	99-9	99-9	1000-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
01-0	99-9	99-9	975-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
0-1	10-9	439-4	950-0	27-0	19-4	158-2	10-6	3-3	10-1	304-6	345-6	15-2	63-6	0-3	15-
0-0	13-0	925-0	925-0	23-0	19-0	210-4	17-0	9-0	15-4	303-2	344-3	15-2	75-3	1-0	26-
1-7	15-2	914-5	900-0	23-2	16-3	225-2	22-4	15-0	15-8	305-4	344-1	15-1	65-0	2-0	32-
2-5	17-5	1181-0	875-0	20-1	11-0	234-1	22-4	16-2	15-2	310-6	348-0	9-9	40-3	3-1	39-
3-3	19-7	1417-1	850-0	25-2	10-3	234-2	16-0	14-0	10-5	312-2	332-0	6-3	39-0	4-0	43-
4-1	22-0	1478-4	825-0	23-6	6-5	234-3	16-4	13-3	9-9	313-6	330-0	6-5	38-0	4-0	45-
4-0	24-3	1427-1	800-0	22-2	7-4	237-3	15-9	13-4	8-6	314-4	330-7	8-2	30-9	5-0	46-
5-9	26-7	2222-2	775-0	20-2	6-2	237-5	13-6	11-5	7-3	315-4	330-0	7-7	39-9	6-5	48-
6-8	29-1	2903-9	750-0	17-4	5-0	235-1	13-2	10-8	7-5	315-7	337-7	7-5	44-5	7-2	49-
7-7	31-4	2722-9	725-0	15-2	4-5	236-1	13-1	11-3	6-7	316-1	337-5	7-3	40-9	7-9	49-
8-7	33-0	3089-1	700-0	12-5	2-0	239-0	12-4	10-7	6-2	316-3	336-2	6-7	51-7	8-6	50-
9-7	36-3	3393-2	675-0	10-1	1-2	244-8	10-3	9-4	4-4	317-6	335-4	6-2	53-6	9-3	51-
10-0	39-0	3706-2	650-0	7-6	-1-1	244-3	7-7	7-4	2-1	317-4	334-1	5-5	53-2	9-0	52-
11-0	41-4	4028-3	625-0	5-0	-3-4	262-7	6-9	6-9	0-9	318-1	332-4	4-0	54-0	10-1	53-
12-9	44-1	4359-7	600-0	1-9	-4-9	275-5	6-4	6-4	-0-6	318-2	331-8	4-4	60-8	10-6	55-
14-0	46-0	4781-4	575-0	-1-3	-7-4	305-7	4-3	3-5	-2-5	318-2	330-2	3-0	62-5	10-9	56-
15-1	49-6	5054-7	550-0	-3-8	-15-4	308-9	2-1	1-6	-1-3	320-6	326-8	2-1	39-0	10-9	57-
16-3	52-4	5420-0	525-0	-5-0	-23-7	262-5	3-4	3-4	0-4	321-5	325-1	1-1	22-7	11-0	58-
17-5	55-3	5801-9	500-0	-7-3	-27-4	261-6	5-3	5-2	0-0	324-2	326-0	0-8	16-1	11-3	59-
18-9	59-3	6199-2	475-0	-10-0	-32-4	269-1	5-1	5-1	0-1	325-4	327-5	0-5	13-9	11-7	59-
20-3	61-3	6614-3	450-0	-12-8	-32-5	279-6	4-9	4-0	-0-8	327-1	329-1	0-6	17-5	12-0	60-
21-7	64-6	7046-2	425-0	-15-2	-35-1	272-7	6-1	6-1	-0-9	329-2	331-1	0-4	16-2	12-4	62-
23-2	67-6	7503-3	400-0	-16-7	-37-0	272-1	6-7	6-7	-0-3	330-7	332-0	0-4	16-5	12-9	63-
24-0	71-0	7981-6	375-0	-21-7	-41-7	251-7	7-5	7-1	2-4	332-5	333-9	0-3	14-3	13-5	64-
26-4	74-4	8466-1	350-0	-24-6	-43-3	249-0	11-0	10-3	3-9	334-3	335-1	0-2	17-1	14-1	64-
29-0	78-0	9018-3	325-0	-30-2	-46-9	250-4	17-0	16-0	6-8	335-1	335-0	0-2	17-5	15-7	65-
29-8	81-9	9588-1	300-0	-36-9	-47-6	250-3	28-2	27-5	9-0	341-2	342-4	0-2	17-5	15-7	65-
31-0	83-0	10200-7	275-0	-35-1	-50-9	253-7	39-0	37-4	11-0	344-4	344-9	0-1	17-9	21-0	67-
33-7	90-0	10857-7	250-0	-45-3	-59-9	247-8	43-4	43-4	13-5	346-2	346-0	0-9	95-0	27-2	67-
35-9	94-6	11469-2	225-0	-45-6	-59-9	247-8	42-9	43-4	13-5	346-2	346-0	0-9	95-0	27-2	67-
39-3	99-4	12346-0	200-0	-49-9	-59-9	242-5	41-2	38-5	20-3	353-4	359-0	0-9	95-0	35-1	68-
40-5	104-2	13205-1	175-0	-57-2	-59-9	243-0	41-2	34-0	18-1	357-2	359-0	0-9	95-0	45-2	67-
43-2	109-0	14122-6	150-0	-65-0	-59-9	252-4	37-3	35-5	11-3	358-1	359-0	0-9	95-0	51-1	67-
46-3	114-0	15265-8	125-0	-67-1	-59-9	258-9	99-5	99-9	99-9	373-2	373-2	0-9	95-0	57-1	67-
49-7	123-0	16012-7	100-0	-67-2	-59-9	258-9	99-5	99-9	99-9	373-2	373-2	0-9	95-0	57-1	67-
50-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
51-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
52-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
53-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
54-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
55-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
56-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
57-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
58-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
59-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9

 0 BT SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 0 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 34  
MOUNTAIN VIEW, OKLAHOMA

7 JUNE 1979  
1704 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	T MP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DC M	E POT 1 DC K	W R TO CM/SEC	RM PCT	RANGE KM	AZ DEG
0-0	9-1	417-0	953-8	11-8	18-0	180-0	6-2	0-0	0-2	309-1	347-2	13-8	44-0	0-0	0-
9-9	9-0	99-9	1000-0	99-9	59-9	99-9	95-5	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
0-1	10-2	433-0	953-0	31-0	19-7	202-6	13-3	5-1	12-3	908-7	351-0	15-5	51-4	0-4	20-
1-0	1-4	651-1	925-0	7-9	16-6	203-8	12-6	5-1	11-9	347-9	347-9	14-8	58-7	0-4	22-
1-4	1-4	913-4	900-0	24-9	17-1	203-3	17-2	5-0	11-9	307-2	34-3	13-8	62-1	1-4	23-
7-7	16-7	1100-6	875-0	23-4	15-0	210-3	13-9	8-6	10-9	308-1	342-3	12-4	58-5	2-1	25-
1-1	16-1	1434-2	850-0	23-0	10-3	230-5	13-4	0-4	8-5	311-1	337-7	9-3	42-0	2-0	26-
4-1	21-5	1634-9	820-0	27-3	8-5	230-5	12-8	0-9	8-2	312-2	336-5	8-5	41-1	3-1	36-
4-9	23-8	1911-5	800-0	20-6	6-3	227-2	14-0	10-3	9-5	313-2	335-5	7-5	37-2	3-9	36-
4-9	26-7	2295-7	775-0	19-9	4-4	228-2	14-5	10-8	9-6	315-2	335-7	7-0	37-0	4-6	36-
4-9	29-4	2-117-4	750-0	17-9	2-4	228-8	13-7	10-0	9-4	316-0	334-1	6-1	35-6	5-2	40-
4-2	31-0	2506-4	725-0	14-6	2-0	225-1	13-5	9-6	9-6	316-4	334-7	6-1	35-6	6-5	41-
9-3	33-4	3107-9	700-0	12-7	0-0	223-5	12-1	8-6	8-5	316-5	333-6	5-8	48-2	7-4	41-
43-4	36-0	3407-2	675-0	10-3	0-2	230-7	10-7	8-6	6-2	317-1	333-5	5-8	45-6	6-1	42-
11-4	34-5	3750-6	650-0	8-3	-2-2	240-1	8-9	8-1	3-6	318-4	333-5	5-0	47-3	6-7	43-
12-5	41-2	4083-3	625-0	5-4	-4-3	250-8	6-4	6-3	1-2	318-6	332-2	4-5	49-7	9-1	45-
13-5	43-4	4374-1	603-0	2-3	-5-7	263-7	5-1	5-1	0-6	318-8	331-4	4-1	54-7	9-4	46-
14-7	46-9	4717-8	575-0	-0-9	-7-4	269-7	3-4	3-4	0-3	319-0	330-7	3-8	61-3	9-6	47-
15-9	49-3	5031-0	550-0	-2-6	-14-1	232-4	2-4	4-7	2-8	319-8	327-3	2-4	68-5	9-8	48-
17-3	52-1	5437-6	525-0	-4-7	-25-6	243-4	7-2	6-5	3-2	322-2	327-4	0-9	77-6	10-3	49-
19-2	55-0	5820-2	500-0	-6-2	-28-2	246-7	6-7	6-1	2-6	325-2	328-5	0-7	85-5	10-8	50-
19-5	56-0	6219-1	475-0	-5-1	-33-4	235-6	6-9	5-7	3-9	326-7	328-5	0-6	93-8	11-3	50-
22-9	61-0	6635-6	450-0	-11-9	-31-1	221-5	6-7	4-5	4-0	329-8	331-4	0-5	102-4	11-9	51-
22-4	64-1	7370-9	425-0	-15-0	-34-9	231-4	6-7	5-4	4-0	329-8	331-4	0-5	102-4	12-4	51-
23-9	67-4	7526-8	400-0	-18-1	-36-1	240-7	7-8	7-1	3-0	331-2	333-1	0-4	111-9	13-1	52-
25-5	70-8	8082-9	375-0	-21-2	-38-5	243-5	8-5	7-6	3-8	333-2	334-9	0-4	121-1	13-8	51-
27-2	74-3	8510-6	350-0	-23-5	-40-4	239-2	12-0	10-3	6-2	336-4	334-9	0-3	130-4	14-9	51-
29-0	77-0	9086-6	325-0	-27-0	-44-4	242-3	20-9	20-9	11-0	339-4	340-3	0-2	142-4	16-6	52-
30-8	81-6	9632-2	300-0	-25-6	-46-5	248-3	30-1	27-4	11-1	343-7	344-5	0-2	154-4	19-5	54-
32-6	85-5	10335-9	275-0	-35-1	-51-0	252-1	35-0	33-3	10-8	344-2	344-6	0-1	171-9	23-0	57-
34-4	89-7	10802-6	250-0	-46-2	-54-9	241-4	34-4	37-3	12-5	346-2	346-6	0-1	181-9	26-9	57-
36-7	94-2	11603-3	225-0	-45-0	-59-9	247-1	41-2	38-5	16-2	349-0	349-9	0-1	191-9	32-5	61-
39-3	98-7	12356-8	200-0	-51-2	-64-9	243-6	50-6	34-5	17-2	351-7	349-9	0-1	201-9	36-4	62-
42-0	104-0	13235-4	175-0	-58-1	-69-9	240-2	40-0	35-4	18-7	354-0	349-9	0-1	211-9	40-0	62-
44-4	107-5	14192-6	150-0	-64-7	-74-9	240-8	33-4	33-4	12-9	358-2	349-9	0-1	221-9	44-9	62-
47-4	115-7	15202-1	125-0	-67-4	-79-9	231-2	28-2	25-1	8-5	361-1	349-9	0-1	231-9	49-9	63-
51-2	122-7	16624-5	100-0	-68-3	-84-9	99-9	99-9	99-9	99-9	365-8	349-9	0-1	241-9	54-9	63-
91-9	92-9	99-9	75-0	99-9	59-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
99-9	92-9	99-9	50-0	99-9	59-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
99-9	92-9	99-9	25-0	99-9	49-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 34  
KOUN-AIN VIEW, CHLANCMA  
7 JUNE 1979  
2005 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DIF DEG	SPEED M/SEC	V COMP M/SEC	V CORP M/SEC	POY T DEG K	E POT T DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
00	11.3	417.0	953.4	34.1	16.5	170.0	6.7	-1.2	4.6	311.2	346.4	12.5	35.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01	11.5	449.4	550.0	31.3	17.6	174.9	8.6	-0.5	8.6	311.0	348.4	13.5	38.0	0.1	2.
1.1	13.7	489.6	625.0	30.3	20.1	192.9	12.2	2.9	12.4	310.2	355.3	16.2	53.7	0.8	9.
2.3	18.2	934.7	900.0	25.5	19.3	200.3	12.3	4.3	11.5	310.9	356.8	15.9	57.4	1.7	13.
3.2	18.6	1104.7	875.0	22.8	17.4	202.0	13.4	5.0	12.4	310.6	350.9	14.5	59.9	2.9	16.
4.1	21.0	1439.5	850.0	22.7	16.6	203.5	13.4	5.3	12.3	311.0	350.4	14.2	64.3	3.2	17.
4.9	21.5	1700.5	825.0	22.0	12.1	202.2	14.2	5.4	13.2	311.5	342.6	10.9	53.6	3.9	18.
5.9	26.0	1907.8	800.0	21.2	9.1	212.1	13.3	7.1	11.3	313.4	340.0	9.1	45.7	4.4	19.
6.7	29.6	2242.1	775.0	20.9	5.0	226.3	14.0	10.1	9.7	315.4	336.1	7.1	37.3	5.2	22.
7.7	31.2	2544.3	750.0	18.3	3.0	227.9	12.5	9.3	8.4	318.6	335.4	6.3	35.6	5.9	26.
8.3	33.9	2911.5	725.0	15.7	0.3	225.5	13.7	9.8	9.6	316.7	333.1	5.5	35.9	7.7	28.
9.7	36.6	3110.4	700.0	12.5	-1.1	227.9	12.6	9.5	8.6	317.4	332.6	5.0	36.4	7.5	30.
10.9	39.2	3415.2	675.0	11.1	-2.9	227.7	11.3	8.4	7.6	318.0	331.0	4.6	37.4	8.3	32.
11.9	42.0	3726.4	650.0	8.0	-4.4	225.5	6.1	5.7	5.6	316.0	331.0	4.3	41.2	8.9	33.
13.0	44.9	4050.0	625.0	5.6	-4.6	217.0	6.6	4.0	5.3	318.5	332.2	4.4	47.6	9.3	33.
14.0	47.8	4353.4	600.0	2.7	-5.5	219.7	5.5	3.5	4.2	319.3	332.2	4.2	54.8	9.7	33.
15.1	50.8	4725.9	575.0	-0.3	-12.2	232.3	6.8	5.4	4.1	319.7	327.9	2.6	40.3	10.1	34.
16.3	53.5	5079.6	550.0	-3.3	-16.0	245.8	7.2	6.9	3.1	320.2	326.6	2.0	36.6	10.5	35.
17.4	56.9	5446.5	525.0	-6.2	-24.8	247.1	6.1	5.7	2.4	323.4	326.7	1.0	18.1	11.0	37.
18.7	60.0	5830.0	500.0	-9.5	-37.7	244.7	6.2	5.4	2.7	326.2	329.0	0.8	15.5	11.2	38.
20.0	63.3	6229.5	475.0	-12.9	-34.9	236.9	6.2	5.2	3.4	327.0	329.0	0.7	16.3	11.8	39.
21.2	66.6	6646.4	450.0	-11.2	-31.2	229.3	6.6	5.2	4.4	329.8	331.4	0.6	17.3	12.2	39.
22.6	70.0	7082.2	425.0	-14.5	-33.1	222.6	8.4	6.6	5.9	330.4	332.4	0.5	18.6	12.9	39.
24.1	73.6	7438.8	400.0	-17.9	-35.9	221.4	8.6	5.7	6.4	331.8	333.4	0.4	18.8	13.4	40.
25.6	77.3	8018.1	375.0	-21.1	-38.9	219.8	13.4	8.6	10.3	333.7	335.0	0.3	18.3	14.5	40.
27.1	81.2	8524.8	350.0	-23.7	-40.6	231.6	24.2	19.0	15.1	336.5	338.0	0.3	19.3	16.1	40.
28.6	85.2	9065.0	325.0	-25.2	-42.0	240.3	31.7	27.6	15.7	342.0	343.1	0.3	19.0	18.9	43.
30.7	89.1	9641.1	300.0	-30.6	-45.7	246.7	33.1	30.4	13.1	343.1	344.0	0.2	19.7	22.5	46.
32.7	93.8	10214.4	275.0	-35.8	-49.6	247.2	35.8	32.2	13.6	343.4	344.0	0.1	22.2	26.3	50.
34.9	98.4	10719.9	250.0	-40.5	-59.9	242.6	37.2	33.1	17.2	349.5	349.9	99.9	99.9	30.7	52.
37.3	103.4	11122.4	225.0	-44.5	-59.5	237.6	42.2	36.9	21.7	350.2	349.9	99.9	99.9	36.5	53.
39.5	108.8	12398.7	200.0	-51.3	-59.9	239.6	43.1	37.2	21.6	351.6	349.9	99.9	99.9	42.5	54.
42.0	114.5	13254.0	175.0	-54.0	-59.9	246.6	39.2	36.0	15.5	354.2	349.9	99.9	99.9	48.5	55.
44.6	121.0	14212.9	150.0	-61.8	-59.9	248.1	26.4	26.4	10.6	340.7	349.9	99.9	99.9	53.8	57.
46.9	128.0	15212.6	125.0	-67.9	-59.9	509.9	99.9	99.9	99.9	372.8	349.9	99.9	99.9	57.0	57.
50.4	136.0	16652.6	100.0	-65.0	-59.9	99.9	99.9	99.9	99.9	394.4	349.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	-95.9	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	-95.9	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 9 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
 99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 34  
MOUNTAIN VIEW, OKLAHOMA

7 JUNE 1979  
2305 GMT

TIME MIN	CNTC	HEIGHT GPN	PHES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	COMP M/SEC	V COMP M/SEC	POT 1 DEG K	POT 2 DEG K	MR ATD CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	10.6	417.0	953.3	34.4	17.0	170.0	4.1	-0.7	4.0	311.6	347.4	13.4	37.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	10.9	418.4	950.0	33.1	15.4	175.4	11.2	-0.8	11.1	210.4	354.0	15.6	46.1	0.3	35.5
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	11.1	419.1	925.0	31.2	13.9	173.7	13.1	-0.3	13.1	311.2	374.6	16.0	51.0	0.6	35.5
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	11.3	419.5	923.0	28.4	12.0	170.0	15.9	0.3	12.9	311.2	374.6	15.6	55.4	1.1	35.5
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	11.4	418.5	875.0	26.4	10.9	167.1	17.4	1.1	12.5	311.2	374.6	14.6	58.2	2.0	35.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	11.6	418.0	850.0	24.1	10.7	161.5	16.6	1.0	16.6	311.2	374.6	14.2	61.4	2.7	1.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	11.9	417.6	825.0	21.6	15.3	200.9	14.6	5.2	13.6	311.4	374.6	13.6	87.4	3.6	1.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	12.1	416.3	800.0	15.6	18.3	211.0	13.2	10.2	10.2	312.1	374.6	12.9	71.2	3.9	6.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	12.5	414.3	775.0	17.8	12.3	224.1	14.2	9.9	10.2	313.0	374.6	11.8	70.2	4.7	13.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	12.7	412.2	750.0	14.0	4.7	227.2	10.8	7.9	7.1	316.1	337.2	7.2	41.4	5.4	13.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.0	11.3	411.2	725.0	14.0	2.6	212.1	10.3	5.5	6.7	311.7	335.9	6.4	41.6	6.1	21.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.1	11.7	410.0	700.0	12.9	0.7	209.6	9.3	7.1	6.0	316.7	333.7	5.8	43.0	6.0	2.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.2	11.8	408.6	675.0	10.9	-1.1	205.2	5.6	8.7	4.0	317.5	331.7	5.3	42.3	7.1	25.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.3	12.2	407.3	650.0	8.3	-2.4	207.0	9.2	8.5	3.6	318.4	329.4	5.0	40.7	7.0	25.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.4	12.5	405.0	625.0	5.7	-3.4	205.6	5.0	8.8	2.1	318.5	328.2	4.6	32.3	8.0	31.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.5	12.7	403.2	600.0	2.6	-5.0	205.6	6.2	8.3	0.6	319.2	326.6	4.4	37.2	8.4	34.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.6	13.0	401.9	575.0	-0.5	-7.9	205.1	6.7	8.7	0.6	319.4	326.4	3.7	57.6	6.7	37.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.7	13.3	400.6	550.0	-2.8	-12.0	206.9	5.6	5.3	1.6	320.6	326.2	3.0	30.4	5.0	34.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.8	13.6	398.6	525.0	-4.2	-20.7	212.5	6.7	5.3	4.1	323.4	326.2	0.8	15.3	5.3	40.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.9	13.9	396.7	500.0	-5.1	-30.4	213.1	5.2	5.0	3.2	325.3	326.2	0.7	15.5	9.9	40.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2.0	14.2	394.6	475.0	-5.1	-30.4	213.1	5.2	5.0	3.2	325.3	326.2	0.6	15.8	10.3	41.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2.1	14.5	392.6	450.0	-11.4	-32.7	213.4	10.3	7.9	6.6	326.5	331.2	0.7	19.4	10.9	41.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2.2	14.8	390.6	425.0	-14.0	-35.1	214.2	15.9	12.9	9.3	331.1	331.2	0.6	19.5	12.0	42.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2.3	15.1	388.6	400.0	-16.9	-39.1	217.2	22.1	19.6	10.3	333.0	334.7	0.5	19.8	13.5	44.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2.4	15.4	386.6	375.0	-20.3	-39.1	217.2	27.8	23.4	15.0	334.7	336.0	0.3	16.7	15.8	47.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2.5	15.7	384.6	350.0	-22.4	-40.8	215.3	29.5	28.2	16.8	338.6	339.7	0.3	16.8	18.7	48.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2.6	16.0	382.6	325.0	-26.2	-43.5	216.6	31.5	28.0	18.4	340.6	341.9	0.2	17.8	22.0	49.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2.7	16.3	380.6	300.0	-31.3	-43.9	219.3	33.2	28.6	18.4	341.2	342.0	0.2	21.9	25.4	50.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2.8	16.6	378.6	275.0	-36.1	-43.9	215.1	36.3	32.3	22.8	343.0	343.5	0.1	22.3	29.4	51.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2.9	16.9	376.6	250.0	-40.5	-46.1	215.1	40.7	33.4	23.1	347.6	347.6	99.9	99.9	39.1	52.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.0	17.2	374.6	225.0	-46.1	-51.8	213.1	47.0	33.0	16.7	350.6	350.9	99.9	99.9	41.2	53.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.1	17.5	372.6	200.0	-51.8	-56.9	213.1	47.0	33.0	15.6	350.6	350.9	99.9	99.9	44.4	54.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.2	17.8	370.6	175.0	-56.9	-64.4	214.2	49.8	28.8	13.0	353.2	353.2	99.9	99.9	53.9	50.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.3	18.1	368.6	150.0	-64.4	-69.9	212.5	24.7	21.9	11.4	370.6	370.6	99.9	99.9	59.4	50.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.4	18.4	366.6	125.0	-69.9	-70.5	212.5	24.7	21.9	99.9	391.2	391.2	99.9	99.9	64.9	50.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.5	18.7	364.6	100.0	-70.5	-70.5	212.5	24.7	21.9	99.9	391.2	391.2	99.9	99.9	69.9	50.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.6	19.0	362.6	75.0	-70.5	-70.5	212.5	24.7	21.9	99.9	391.2	391.2	99.9	99.9	74.9	50.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.7	19.3	360.6	50.0	-70.5	-70.5	212.5	24.7	21.9	99.9	391.2	391.2	99.9	99.9	79.9	50.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.8	19.6	358.6	25.0	-70.5	-70.5	212.5	24.7	21.9	99.9	391.2	391.2	99.9	99.9	84.9	50.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
9 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 34  
 SEILING, OKLAHOMA

 7 JUNE 1979  
 1127 GMT

TIME MIN	CHTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	W/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	M/2 RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	13.2	500.0	931.7	20.0	18.8	180.0	2.0	0.0	0.0	299.2	336.3	14.1	88.0	0.0	0.
00.9	93.9	90.0	1000.0	95.0	95.0	90.0	95.0	99.0	99.0	99.5	999.9	99.9	999.9	999.9	999.9
00.9	99.9	90.0	975.0	99.0	99.0	90.0	95.0	99.0	99.0	99.5	999.9	99.9	999.9	999.9	999.9
00.9	99.9	90.0	953.0	99.0	99.0	90.0	95.0	99.0	99.0	99.5	999.9	99.9	999.9	999.9	999.9
0.2	13.8	651.6	925.0	20.6	19.0	180.0	11.0	1.2	13.0	300.4	331.8	11.7	70.7	0.1	5.
1.3	16.3	689.5	900.0	21.2	17.1	204.4	21.4	0.8	19.4	303.4	340.5	13.6	77.4	1.1	13.
2.7	14.7	1135.4	875.0	24.5	12.1	224.2	19.9	13.9	14.3	389.2	337.8	10.2	66.1	2.9	27.
4.0	21.2	1389.8	850.0	25.2	11.0	241.3	18.7	18.6	9.0	312.5	340.3	9.8	41.0	4.3	36.
5.6	23.7	1651.5	825.0	23.7	9.2	245.8	16.9	15.4	6.9	313.6	339.2	6.9	39.8	5.8	44.
7.4	26.2	1916.6	800.0	22.1	8.0	246.8	13.5	12.8	5.5	314.6	339.3	6.5	40.4	7.3	49.
9.5	29.8	2194.7	775.0	20.3	6.6	246.6	13.1	12.2	4.6	315.6	339.7	7.9	40.9	9.0	53.
11.6	31.4	2476.5	750.0	17.6	6.8	248.4	14.4	13.4	7.3	315.6	336.9	7.3	43.0	10.5	56.
13.2	34.1	2765.0	725.0	14.9	1.9	255.9	12.8	12.3	3.8	315.6	333.8	6.1	41.4	11.9	57.
14.8	36.8	3061.2	700.0	12.5	0.5	260.1	11.7	11.7	0.8	316.4	333.3	5.7	43.7	12.9	59.
16.7	39.6	3365.0	675.0	5.6	-0.6	265.1	11.1	11.1	0.1	316.4	332.6	5.4	48.8	14.1	62.
19.2	42.4	3677.3	650.0	4.9	-3.7	273.2	12.1	12.1	-0.7	313.6	330.4	4.5	46.8	15.6	65.
21.5	45.3	3958.1	625.0	5.0	-8.2	291.9	8.5	8.2	-3.3	319.2	328.0	3.2	36.1	16.8	68.
23.4	49.1	4329.5	600.0	2.3	-11.5	305.4	6.1	6.2	-5.1	318.6	327.1	2.6	35.2	17.5	71.
27.4	51.1	4671.9	575.0	-0.5	-17.4	321.5	10.5	9.6	-8.9	319.2	331.2	3.8	59.2	19.3	76.
33.7	54.1	5325.8	550.0	-3.6	-27.1	336.2	7.5	3.5	-8.7	319.2	330.1	3.3	61.6	18.8	83.
35.9	57.3	5392.5	525.0	-4.6	-27.1	292.3	7.5	6.9	-2.8	323.6	325.7	0.8	15.6	19.9	88.
39.9	59.9	99.0	500.0	95.0	99.0	90.0	99.0	99.0	99.0	99.5	999.9	99.9	999.9	999.9	999.9
40.9	99.9	99.0	475.0	99.0	99.0	90.0	99.0	99.0	99.0	99.5	999.9	99.9	999.9	999.9	999.9
40.9	99.9	99.0	450.0	99.0	99.0	90.0	99.0	99.0	99.0	99.5	999.9	99.9	999.9	999.9	999.9
40.9	99.9	99.0	425.0	99.0	99.0	90.0	99.0	99.0	99.0	99.5	999.9	99.9	999.9	999.9	999.9
40.9	99.9	99.0	400.0	99.0	99.0	90.0	99.0	99.0	99.0	99.5	999.9	99.9	999.9	999.9	999.9
40.9	99.9	99.0	375.0	99.0	99.0	90.0	99.0	99.0	99.0	99.5	999.9	99.9	999.9	999.9	999.9
40.9	99.9	99.0	350.0	99.0	99.0	90.0	99.0	99.0	99.0	99.5	999.9	99.9	999.9	999.9	999.9
40.9	99.9	99.0	325.0	99.0	99.0	90.0	99.0	99.0	99.0	99.5	999.9	99.9	999.9	999.9	999.9
40.9	99.9	99.0	300.0	99.0	99.0	90.0	99.0	99.0	99.0	99.5	999.9	99.9	999.9	999.9	999.9
40.9	99.9	99.0	275.0	99.0	99.0	90.0	99.0	99.0	99.0	99.5	999.9	99.9	999.9	999.9	999.9
40.9	99.9	99.0	250.0	99.0	99.0	90.0	99.0	99.0	99.0	99.5	999.9	99.9	999.9	999.9	999.9
40.9	99.9	99.0	225.0	99.0	99.0	90.0	99.0	99.0	99.0	99.5	999.9	99.9	999.9	999.9	999.9
40.9	99.9	99.0	200.0	99.0	99.0	90.0	99.0	99.0	99.0	99.5	999.9	99.9	999.9	999.9	999.9
40.9	99.9	99.0	175.0	99.0	99.0	90.0	99.0	99.0	99.0	99.5	999.9	99.9	999.9	999.9	999.9
40.9	99.9	99.0	150.0	99.0	99.0	90.0	99.0	99.0	99.0	99.5	999.9	99.9	999.9	999.9	999.9
40.9	99.9	99.0	125.0	99.0	99.0	90.0	99.0	99.0	99.0	99.5	999.9	99.9	999.9	999.9	999.9
40.9	99.9	99.0	100.0	99.0	99.0	90.0	99.0	99.0	99.0	99.5	999.9	99.9	999.9	999.9	999.9
40.9	99.9	99.0	75.0	99.0	99.0	90.0	99.0	99.0	99.0	99.5	999.9	99.9	999.9	999.9	999.9
40.9	99.9	99.0	50.0	99.0	99.0	90.0	99.0	99.0	99.0	99.5	999.9	99.9	999.9	999.9	999.9
40.9	99.9	99.0	25.0	99.0	99.0	90.0	99.0	99.0	99.0	99.5	999.9	99.9	999.9	999.9	999.9

 0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 36  
SEILING, CHLACHMA  
7 JUNE 1979  
1406 GMT

TIME MIN	CHCT	HEIGHT GPM	WRES MS	TEMP CC C	DEW PT CC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DG M	E POT 1 DG K	HA RTO GM/KC	RM PCT	RANGE KM	AZ DG
0-0	13-0	595-0	51-7	24-8	16-6	220-0	10-0	6-4	7-7	304-6	339-2	13-0	61-0	3-0	0-
00-0	94-9	1033-0	94-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9
00-0	94-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9
00-0	94-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9
0-2	13-7	661-9	625-0	24-2	17-1	215-2	8-4	4-9	6-9	304-6	340-4	13-5	65-0	0-2	27-
1-3	16-7	901-5	600-0	21-0	17-3	215-0	10-4	4-6	8-2	303-6	341-6	14-0	76-6	0-5	36-
1-6	15-6	1145-8	675-0	20-4	14-1	236-4	18-8	12-3	8-2	305-6	336-9	11-7	67-2	1-2	40-
2-6	21-1	1357-4	650-0	22-3	10-8	258-4	18-4	16-0	3-7	309-6	336-4	5-4	47-9	1-9	53-
3-4	23-6	1657-4	625-0	21-7	9-3	257-2	17-3	16-9	3-8	311-2	337-1	9-0	45-2	2-7	62-
4-2	24-1	1913-0	600-0	20-5	4-3	241-8	16-7	13-0	7-0	313-0	337-8	9-7	45-4	3-5	64-
5-1	24-7	2157-0	775-0	16-2	6-6	224-8	14-8	11-3	9-6	314-5	337-4	7-9	43-8	4-2	62-
6-0	31-2	2479-6	750-0	16-5	4-3	235-0	14-0	11-5	8-0	316-7	337-2	7-0	38-9	5-0	60-
7-1	34-0	2765-3	725-0	16-6	2-3	244-9	11-6	10-8	5-1	317-6	336-2	6-3	38-2	5-9	60-
8-2	36-7	3047-0	700-0	11-9	1-3	246-1	10-1	9-2	4-1	317-5	335-8	6-0	42-3	6-5	61-
9-2	32-4	3372-5	675-0	11-2	1-0	245-7	5-4	8-6	3-9	318-2	336-4	6-1	49-4	7-2	61-
10-4	42-2	3646-2	650-0	8-2	-0-2	244-6	8-3	7-5	3-6	318-2	335-6	5-8	55-6	7-8	62-
11-5	45-0	4087-7	625-0	2-2	-1-9	244-9	8-0	7-3	3-4	318-5	334-5	5-3	59-9	8-9	62-
12-9	49-0	4360-7	600-0	2-4	-6-9	241-0	6-7	5-8	3-2	318-5	330-7	3-8	50-7	8-9	62-
14-2	51-0	4683-1	575-0	-6-7	-9-1	233-3	4-7	3-9	2-6	319-6	329-5	3-3	52-6	9-4	62-
15-4	54-0	5038-7	550-0	-3-8	-8-8	233-3	3-4	2-8	2-1	319-6	320-7	2-6	48-3	9-6	62-
16-6	57-1	5432-4	525-0	-4-9	-22-5	242-2	6-5	5-6	3-2	321-6	325-8	1-2	24-7	10-9	61-
17-7	62-3	5784-7	500-0	-4-9	-24-3	243-5	5-7	8-7	4-3	324-6	327-2	0-7	16-2	10-6	62-
18-1	63-5	6182-9	475-0	-5-6	-26-2	238-9	7-1	6-0	3-9	326-1	329-3	0-9	24-3	11-3	62-
20-4	66-9	6568-2	450-0	-12-5	-35-8	238-2	6-1	5-0	3-5	327-2	328-9	0-4	12-2	11-7	61-
21-9	73-3	7231-7	425-0	-16-0	-39-5	234-4	7-1	5-9	3-9	329-6	329-6	0-3	12-4	12-3	61-
23-4	73-7	7485-7	400-0	-18-7	-35-0	240-9	7-7	7-0	3-0	330-6	332-4	0-5	22-1	12-9	61-
25-2	77-4	7964-1	375-0	-22-0	-39-4	252-3	8-5	8-3	1-9	332-6	332-7	0-3	18-9	13-6	62-
26-7	81-2	8467-5	350-0	-25-9	-42-6	270-8	5-6	8-6	-0-1	333-5	334-6	0-2	19-0	14-6	63-
28-6	85-2	9006-1	325-0	-30-2	-47-3	271-7	10-4	10-4	-0-1	335-4	335-7	0-2	17-8	15-6	62-
30-4	84-2	9563-6	300-0	-33-4	-53-6	253-8	10-7	10-5	1-9	335-6	336-0	0-1	15-1	16-6	67-
32-3	93-5	10166-1	275-0	-35-4	-59-9	253-5	17-5	16-8	5-0	338-2	354-5	59-9	559-9	18-1	67-
34-7	93-2	10913-6	250-0	-42-1	-69-9	256-4	32-3	31-3	7-6	343-6	354-5	59-9	559-9	21-9	69-
37-0	102-8	11821-6	225-0	-45-7	-69-9	252-0	42-4	40-3	13-1	348-5	399-9	54-9	995-9	24-0	70-
39-8	104-0	12577-1	200-0	-51-2	-69-9	247-3	41-7	39-9	18-7	351-7	399-9	54-9	995-9	31-7	70-
42-5	113-6	13154-1	175-0	-57-5	-69-9	243-5	44-8	40-8	18-6	353-1	399-9	54-9	995-9	41-4	64-
45-7	119-8	14112-1	150-0	-63-8	-69-9	248-2	41-7	38-7	15-5	360-2	399-9	54-9	995-9	50-3	66-
48-5	126-3	15224-1	125-0	-64-3	-69-9	252-4	26-6	25-4	8-0	376-6	399-9	54-9	995-9	57-7	69-
53-7	134-0	16574-9	100-0	-64-9	-69-9	109-5	2-9	-2-8	1-0	378-2	399-9	54-9	995-9	62-0	60-
59-9	94-9	94-9	75-0	55-9	55-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9
99-9	94-9	94-9	50-0	96-9	96-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9
99-9	94-9	94-9	25-0	55-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9	94-9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 13 DEG

0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 36 SEELING, OKLAHOMA 7 JUNE 1979 1705 GMT														129 05. 0			
TIME	UNTCY	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT T	E POT T	MZ BTO	RM	RANGE	AZ		
MIN		GM	MB	DE C	DE C	DEG	M/SEC	M/SEC	M/SEC	DEG	DEG	GM/KC	PCT	NM	DEG		
0.0	13.0	589.0	934.6	30.0	19.1	210.0	9.0	4.5	7.0	309.1	339.6	10.9	38.0	0.0	0.		
00.9	09.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
01.9	09.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
02.9	09.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
03.9	09.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
04.9	09.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
05.9	09.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
06.9	09.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
07.9	09.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
08.9	09.9	99.9	800.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
09.9	09.9	99.9	775.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
10.9	09.9	99.9	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
11.9	09.9	99.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
12.9	09.9	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
13.9	09.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
14.9	09.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
15.9	09.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
16.9	09.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
17.9	09.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
18.9	09.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
19.9	09.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
20.9	09.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
21.9	09.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
22.9	09.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
23.9	09.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
24.9	09.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
25.9	09.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
26.9	09.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
27.9	09.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
28.9	09.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
29.9	09.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
30.9	09.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
31.9	09.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
32.9	09.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
33.9	09.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
34.9	09.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
35.9	09.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
36.9	09.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
37.9	09.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
38.9	09.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
39.9	09.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 36  
 SEILING, OKLAHOMA

 7 JUNE 1979  
 2010 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MG	TEMP DE C	DEW PT DE C	DIR DG	SPEED M/SEC	J CLMP M/SEC	V COMP M/SEC	POT 1 DG K	E POT 1 DG K	HA RTD GPM/KG	PH PCT	RANGE KM	AZ DG
0.0	12.9	599.9	534.8	34.0	13.5	230.0	13.0	10.0	8.4	313.1	342.9	10.5	29.8	0.0	0.
99.9	90.9	99.9	1003.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	599.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	13.8	623.6	525.0	36.6	16.2	210.8	9.7	5.0	6.3	310.6	345.8	12.6	42.0	0.2	31.
1.2	14.3	928.5	900.0	28.3	16.2	209.5	9.1	4.5	6.0	310.7	348.7	13.7	50.2	0.6	31.
2.1	14.6	1178.4	875.0	25.9	16.1	202.8	7.9	3.1	7.3	310.5	347.7	13.3	59.8	1.1	30.
2.9	21.1	1431.2	850.0	23.6	15.1	193.0	7.9	1.8	7.7	310.5	346.7	12.8	59.0	1.5	26.
3.8	23.5	1603.7	825.0	21.2	14.5	193.0	7.9	1.8	7.7	310.5	346.7	12.8	59.0	1.5	26.
4.6	26.0	1959.7	800.0	18.9	13.8	208.1	9.6	3.5	6.7	311.2	346.6	12.8	65.7	1.9	23.
5.4	29.5	2233.9	775.0	16.8	6.1	219.7	13.2	8.5	10.2	315.1	337.4	7.7	40.7	2.8	25.
6.3	31.1	2515.4	750.0	14.0	4.7	223.8	14.3	5.9	10.3	316.1	337.2	7.2	41.5	3.6	28.
7.4	33.7	2855.1	725.0	11.8	0.4	222.2	13.9	9.4	10.3	317.5	334.2	5.5	32.9	4.4	31.
8.5	36.3	3102.7	700.0	14.3	-1.1	224.4	13.3	9.3	9.5	318.4	331.6	5.1	30.6	5.4	33.
9.7	39.0	3428.7	675.0	11.2	-1.9	234.4	13.4	10.9	7.8	318.4	331.6	5.0	35.2	6.2	30.
10.4	41.9	3722.4	650.0	8.8	-3.3	239.2	13.5	11.9	7.3	318.5	331.0	4.6	42.3	7.1	38.
12.0	48.6	4345.4	625.0	6.3	-5.5	236.5	11.4	10.3	6.8	319.7	332.2	4.1	42.5	8.0	41.
13.2	47.4	4345.1	600.0	3.7	-8.6	236.0	11.4	9.4	6.4	320.4	330.6	3.3	40.0	8.8	42.
14.6	50.4	4722.3	575.0	5.9	-10.3	237.0	10.7	9.0	5.8	320.4	330.2	3.0	43.9	9.6	43.
15.7	53.4	5037.9	550.0	-2.0	-16.7	240.5	9.4	8.2	4.6	321.7	327.9	1.9	32.2	10.4	44.
17.1	56.4	5445.4	525.0	-5.5	-14.6	245.9	7.6	7.0	3.1	321.7	326.3	2.4	48.8	11.0	46.
19.4	59.6	5927.2	500.0	-8.9	-22.6	235.5	6.8	5.6	3.9	324.6	326.7	1.2	27.3	11.6	46.
19.5	62.8	6226.1	475.0	-11.6	-23.6	233.4	8.8	7.1	5.3	327.4	331.5	1.2	28.7	12.2	47.
21.2	66.0	6682.7	450.0	-11.6	-25.1	235.2	9.2	7.5	5.2	329.7	332.4	1.1	31.5	13.0	47.
22.8	69.5	7078.0	425.0	-15.2	-29.5	232.0	9.6	7.6	5.9	329.4	332.3	0.8	29.7	13.8	48.
24.3	72.9	7533.1	400.0	-18.7	-32.3	222.8	10.2	6.9	7.5	330.7	333.0	0.6	28.9	14.8	48.
26.1	76.6	8011.1	375.0	-22.2	-35.1	217.0	10.3	6.2	8.2	332.2	334.0	0.5	29.7	15.8	47.
27.8	80.3	8515.0	350.0	-25.4	-39.9	210.5	13.3	6.8	11.5	334.2	335.7	0.3	24.3	16.9	46.
29.5	84.3	9048.0	325.0	-28.0	-44.6	219.1	20.3	12.8	15.7	336.8	337.6	0.2	20.3	18.6	45.
31.4	88.3	9618.0	300.0	-31.2	-48.7	233.9	29.8	24.1	17.5	341.4	342.2	0.2	19.9	21.3	45.
33.6	92.8	10211.4	275.0	-34.8	-53.6	242.9	38.4	32.6	16.7	344.6	345.3	0.1	18.1	22.7	48.
35.8	97.4	10849.5	250.0	-40.1	-59.9	246.4	35.3	36.0	15.8	346.4	346.6	55.9	55.8	30.5	51.
38.0	102.2	11602.3	225.0	-48.5	-59.9	241.6	43.0	37.8	20.5	350.4	349.9	99.9	99.9	50.5	53.
40.6	107.5	12382.8	200.0	-45.7	-59.9	241.0	43.0	39.9	22.1	354.1	349.9	99.9	99.9	50.4	54.
43.5	111.3	13281.7	175.0	-57.2	-59.9	246.2	48.3	40.6	17.9	355.2	349.9	99.9	99.9	50.4	55.
46.4	119.5	14201.8	150.0	-63.7	-59.9	250.4	39.0	34.8	13.1	360.4	349.9	99.9	99.9	50.4	57.
53.0	126.5	15308.6	125.0	-67.1	-59.9	246.1	28.4	26.9	11.9	373.5	349.9	99.9	99.9	50.4	58.
54.2	134.7	16637.0	100.0	-66.9	-59.9	222.4	17.3	11.6	12.7	378.4	349.9	99.9	99.9	50.4	59.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 36  
 SELLING, OKLAHOMA

 7 JUNE 1979  
 2306 GMT

TIME MIN	CHCT	WEIGHT GSM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT H DEG K	E POT Y DEG K	W RTO G/M/KG	RH PCT	RANGE AZ KM	DZ DG
0.0	13.1	589.0	934.7	34.9	12.5	220.0	15.0	9.6	11.5	314.1	342.2	9.8	26.0	0.0	0.
00.9	99.9	999.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	975.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	950.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	14.1	603.5	925.0	33.3	15.2	209.0	13.3	6.4	11.6	313.2	346.9	11.9	33.9	0.5	30.
1.2	16.5	930.3	900.0	30.7	16.8	208.2	13.5	6.6	12.2	313.2	351.2	13.5	43.2	1.1	30.
2.2	19.9	1102.0	875.0	26.5	15.9	206.8	13.2	5.9	11.8	313.4	350.4	13.1	46.3	1.9	29.
3.2	21.4	1416.6	850.0	25.6	15.2	599.9	99.9	99.9	99.9	313.0	349.3	12.9	52.4	999.9	999.9
4.2	21.9	1701.0	825.0	23.3	14.5	599.9	99.9	99.9	99.9	313.2	349.2	12.8	57.8	999.9	999.9
4.9	26.5	1969.1	800.0	20.6	13.4	999.9	99.9	99.9	99.9	313.1	347.5	12.2	63.5	999.9	999.9
5.6	24.1	2243.0	775.0	17.9	12.9	999.9	99.9	99.9	99.9	313.1	347.5	12.2	72.6	999.9	999.9
6.5	31.7	2423.4	750.0	15.5	11.8	999.9	99.9	99.9	99.9	313.4	346.6	11.7	78.9	999.9	999.9
7.4	34.3	2610.6	725.0	13.3	9.8	999.9	99.9	99.9	99.9	314.7	344.3	10.6	79.2	999.9	999.9
8.3	37.1	3107.1	700.0	13.7	9.1	999.9	99.9	99.9	99.9	317.7	335.4	5.9	42.0	999.9	999.9
9.3	39.4	3412.7	675.0	11.5	-0.5	219.4	11.2	7.1	8.6	318.5	335.1	5.5	43.5	7.4	25.
10.6	42.7	3726.9	650.0	8.9	-2.1	221.9	11.0	7.4	8.2	319.0	334.4	5.1	46.1	8.2	27.
11.6	45.6	4050.2	625.0	6.0	-3.8	228.3	10.9	6.2	7.3	319.3	333.3	4.6	49.3	8.8	28.
12.9	44.4	4315.0	600.0	5.1	-6.0	232.5	11.4	9.0	6.9	319.7	332.2	4.1	51.0	9.6	30.
14.1	51.4	4726.3	575.0	0.2	-9.3	237.1	9.7	8.1	5.3	320.2	330.5	3.3	49.0	10.4	32.
15.5	54.5	5080.9	550.0	-2.9	-9.9	238.2	7.9	6.7	4.2	320.7	330.9	3.3	58.0	11.0	34.
16.7	57.6	5447.8	525.0	-5.6	-12.6	237.1	6.1	5.1	3.3	321.7	330.5	2.8	57.5	11.5	35.
18.1	62.8	5826.8	500.0	-8.1	-21.3	222.2	7.8	5.3	5.8	323.1	327.8	1.4	34.3	11.9	35.
19.4	64.0	6226.5	475.0	-5.4	-27.4	226.4	11.0	8.0	7.6	326.1	329.2	0.8	21.4	12.7	36.
20.9	67.4	6642.5	450.0	-12.2	-31.8	228.6	11.1	8.3	7.3	328.0	330.0	0.6	17.5	13.6	37.
22.3	73.9	7376.7	425.0	-15.8	-34.7	221.6	11.1	7.4	6.2	328.6	330.5	0.5	16.7	14.6	37.
24.0	74.4	7530.8	400.0	-18.9	-43.7	220.4	11.5	7.5	8.8	330.5	331.2	0.2	9.0	15.7	37.
25.7	78.1	8008.8	375.0	-21.9	-46.3	220.4	18.3	11.8	13.9	332.4	333.2	0.2	8.8	17.0	38.
27.2	82.0	8513.3	350.0	-25.1	-46.6	999.9	99.9	99.9	99.9	334.5	335.6	0.2	11.3	999.9	999.9
29.8	86.0	9049.6	325.0	-26.6	-49.5	999.9	99.9	99.9	99.9	340.1	340.6	0.1	9.2	999.9	999.9
33.8	93.2	9622.8	300.0	-31.2	-51.4	240.7	37.3	32.5	18.3	341.4	341.8	0.1	11.5	26.0	44.
35.3	90.3	10233.6	275.0	-36.0	-54.4	237.4	37.4	31.5	20.2	343.0	343.4	0.1	12.9	30.6	46.
37.4	104.4	11600.7	250.0	-39.9	-57.9	237.7	39.0	32.9	20.8	346.7	349.2	99.9	999.9	35.8	48.
40.4	103.8	12377.1	200.0	-41.3	-59.9	244.3	44.2	39.8	19.2	351.5	350.9	99.9	999.9	46.6	51.
43.2	115.6	13232.3	175.0	-56.0	-60.9	250.8	40.2	38.0	13.2	354.2	350.9	99.9	999.9	55.5	53.
46.3	127.0	14191.8	150.0	-63.5	-60.9	244.0	28.1	25.3	12.3	360.4	359.9	99.9	999.9	62.9	55.
49.1	129.0	15296.4	125.0	-67.5	-60.9	237.8	29.2	24.7	15.6	372.4	359.9	95.9	959.9	65.8	55.
52.7	137.3	16626.6	100.0	-70.1	-60.9	999.9	99.9	99.9	99.9	392.7	359.9	95.9	959.9	72.1	55.
59.3	99.9	99.9	75.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.3	99.9	99.9	50.0	55.9	50.9	99.9	55.9	98.9	99.9	99.9	599.9	55.9	599.9	599.9	999.9
99.9	99.9	99.9	25.0	55.9	50.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

 \* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 3P  
STROUD, OKLAHOMA  
7 JUNE 1979  
1100 GMT

TIME	CHCT	HEIGHT	PRES	TEMP	DEW PT	DIR	W/SEC	U COMP	V COMP	POT 7	E POT 7	MJ RTG	RM	RANGE	AZ
M.M		GPH	MB	DEG C	DEG C	DEG	M/SEC	M/SEC	M/SEC	DEG K	DEG K	GM/KG	PCT	MM	DEG
0.0	10.3	272.0	549.9	15.8	16.8	150.0	3.0	0.0	3.0	298.2	332.6	14.3	54.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	12.2	452.1	900.0	20.9	17.9	185.9	19.3	2.0	18.9	298.2	330.4	15.6	93.7	0.5	353.
1.4	18.6	684.7	525.0	27.5	20.2	198.5	22.3	7.5	21.1	302.2	349.2	17.7	93.6	1.3	4.
2.1	17.0	924.1	500.0	21.3	20.2	218.7	23.2	14.3	18.3	303.2	348.6	16.9	93.6	2.3	15.
3.0	13.5	1169.3	875.0	21.1	17.0	238.1	21.3	17.2	12.5	305.7	344.1	14.1	77.7	3.4	26.
3.9	12.0	1420.9	850.0	21.3	12.8	238.8	20.6	17.3	11.3	308.2	339.2	11.1	58.6	4.3	34.
4.4	24.5	1680.3	825.0	20.8	11.7	227.3	20.2	14.9	13.7	310.2	340.3	10.6	56.2	5.6	38.
5.8	27.7	1945.3	800.0	18.3	10.0	235.6	17.3	9.8	9.8	310.7	338.0	9.7	58.2	6.5	34.
6.5	29.7	2216.3	775.0	16.1	8.0	247.4	16.6	17.2	7.2	311.1	335.9	8.7	58.4	7.6	43.
7.7	31.3	2465.1	750.0	14.8	5.9	245.9	15.9	14.2	7.3	311.7	334.1	7.8	58.2	8.4	45.
8.5	33.9	2780.1	725.0	11.8	3.6	245.3	11.7	11.7	5.4	312.4	332.3	6.8	58.6	9.3	47.
9.3	37.7	3073.3	700.0	9.5	1.0	250.1	12.3	11.5	4.2	313.0	330.2	5.9	55.3	10.0	48.
12.0	43.2	3374.0	675.0	6.7	0.7	254.3	11.1	10.7	3.0	313.2	330.7	6.0	55.2	10.7	50.
12.0	43.2	3673.0	650.0	4.4	-1.6	247.7	13.0	11.6	5.4	313.5	329.4	5.2	64.9	11.4	52.
13.1	45.1	4001.3	625.0	2.0	-3.2	238.9	14.1	12.1	7.3	314.7	329.1	4.6	68.2	12.4	52.
14.3	48.0	4324.7	600.0	-0.2	-7.6	241.6	11.7	10.5	5.2	315.5	325.9	3.6	57.1	13.3	53.
15.5	52.0	4670.0	575.0	-1.3	-9.5	253.7	11.8	11.3	3.3	316.2	328.5	3.2	53.4	14.1	54.
16.7	55.1	5023.1	550.0	-3.7	-14.9	259.9	12.4	12.0	3.0	319.7	326.7	2.2	41.5	14.9	52.
19.1	58.3	5389.1	525.0	-6.0	-18.4	254.6	13.5	12.9	4.0	321.2	326.8	1.7	36.8	15.9	58.
19.6	61.4	5765.9	500.0	-7.9	-19.6	263.0	14.6	14.5	1.8	323.4	329.1	1.8	41.8	17.1	58.
21.0	64.7	6186.5	475.0	-11.1	-25.4	278.5	14.0	14.0	-1.1	324.2	327.7	1.0	25.8	18.1	60.
22.5	68.0	6560.7	450.0	-12.1	-27.6	281.2	13.1	12.9	-2.6	324.6	328.1	0.0	1.0	19.0	62.
24.0	71.6	7015.4	425.0	-15.2	-40.5	281.5	14.6	14.3	-2.9	329.2	330.5	0.3	9.5	20.1	64.
25.7	75.1	7471.6	400.0	-17.2	-60.9	277.2	13.4	13.3	-1.7	332.2	332.7	0.0	32.1	21.2	67.
27.3	78.8	7953.0	375.0	-20.1	-82.7	258.6	13.0	12.8	2.6	335.0	335.1	0.0	1.0	22.4	63.
29.2	82.6	8460.1	350.0	-24.5	-65.6	259.7	14.3	14.0	3.0	335.7	335.7	0.0	1.0	23.9	63.
31.1	86.7	8994.1	325.0	-29.8	-64.9	259.7	14.4	14.1	3.1	335.7	335.7	0.0	1.0	25.5	62.
31.1	90.8	9558.9	300.0	-33.9	-68.8	257.8	22.0	21.5	4.7	337.7	337.7	0.0	2.3	27.5	67.
35.3	93.2	10167.1	275.0	-35.8	-73.0	259.9	38.6	38.0	6.7	337.7	337.7	0.0	1.0	31.1	71.
37.4	98.8	10823.5	250.0	-35.8	99.1	257.8	49.2	48.4	10.5	337.0	339.9	59.9	959.9	37.0	72.
40.0	104.6	11536.4	225.0	-44.7	53.9	255.2	49.1	47.5	12.5	350.0	999.9	59.9	999.9	44.7	73.
42.9	110.0	12313.3	200.0	-50.7	59.9	252.0	47.9	45.6	14.8	352.6	599.9	99.9	559.9	53.4	73.
46.0	115.8	13173.3	175.0	-56.1	59.9	252.3	42.1	40.1	12.8	357.2	999.9	99.9	999.9	61.3	73.
49.2	122.0	14137.8	150.0	-62.6	99.9	254.8	38.7	37.3	10.1	362.2	599.9	59.9	959.9	46.5	73.
52.5	128.0	15245.9	125.0	-68.2	59.9	258.1	28.0	26.9	7.7	371.1	999.9	59.9	999.9	78.9	73.
56.3	137.0	16596.7	100.0	-67.2	99.9	999.9	99.9	99.9	99.9	398.0	599.9	59.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

0 3V SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
9 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
99 3V SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 38  
STRAUD, OKLAHOMA  
7 JUNE 1979  
1400 GMT

117 94. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DE C	DIR DE C	SPEED M/SEC	V COMP M/SEC	POT 1 DE K	E POT 1 DE K	W RTO CM/ S	RM PCT	RANGE KM	AZ DG
0.0	0.0	272.0	970.0	27.3	22.5	190.0	0.9	303.0	350.9	18.0	75.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.9	10.7	461.5	950.0	24.1	22.3	186.9	1.7	301.7	349.8	18.2	89.7	0.5	2.
1.6	12.6	695.3	925.0	22.9	21.4	158.8	5.5	302.2	349.1	17.6	93.5	1.3	8.
2.6	15.0	934.4	900.0	21.3	20.0	133.7	11.1	303.2	348.1	16.7	92.3	2.3	16.
3.5	17.3	1176.5	875.0	21.4	16.1	225.2	16.4	306.0	342.5	13.4	73.2	3.5	24.
4.4	19.5	1432.8	850.0	21.6	11.3	229.4	18.3	310.5	339.1	10.0	46.0	4.5	31.
5.4	21.7	1693.1	825.0	22.0	9.3	226.6	12.3	311.9	337.5	9.0	44.3	5.6	34.
6.3	24.1	1955.4	800.0	20.1	7.6	228.7	11.9	312.6	336.2	8.2	44.3	6.4	36.
7.3	26.4	2232.4	775.0	17.9	7.1	224.2	10.2	313.1	336.8	8.2	49.1	7.3	37.
8.4	29.7	2512.1	750.0	15.6	5.1	240.0	14.4	317.2	334.9	7.4	49.7	8.2	39.
9.4	31.1	2758.4	725.0	13.0	4.3	244.5	13.5	317.3	334.7	7.2	55.5	9.1	41.
10.7	33.6	3022.0	700.0	10.5	3.7	249.7	14.9	314.1	335.0	7.2	62.9	10.1	44.
11.7	36.0	3354.7	675.0	7.9	2.2	253.6	13.7	314.2	334.0	6.7	67.1	10.4	46.
12.7	38.6	3705.1	650.0	4.9	0.6	260.6	11.6	314.2	332.6	6.2	73.7	11.6	49.
14.1	41.1	4024.2	625.0	2.6	-2.7	269.3	10.5	315.2	330.5	5.1	68.0	12.2	51.
15.7	43.6	4353.2	600.0	0.1	-9.3	265.6	11.3	316.2	326.0	3.2	49.6	12.8	53.
16.5	46.4	4691.4	575.0	-1.6	-13.6	266.6	9.9	316.8	325.4	2.3	38.8	13.5	55.
17.9	49.2	5042.1	550.0	-3.9	-13.3	277.3	9.3	319.2	327.4	2.5	47.8	14.2	57.
19.2	52.0	5411.9	525.0	-5.4	-25.8	249.6	10.9	321.7	324.7	0.9	18.4	14.7	59.
20.5	54.9	5753.2	500.0	-7.2	-33.2	291.0	11.1	323.2	324.3	0.6	13.1	15.3	62.
22.0	57.8	6197.3	475.0	-8.4	-46.8	288.6	9.8	327.2	328.0	0.1	2.7	15.9	64.
23.5	60.7	6609.2	450.0	-11.5	-37.5	282.3	8.9	328.2	330.0	0.3	9.5	16.5	66.
25.1	64.0	7044.6	425.0	-14.7	-41.6	280.4	9.8	330.1	331.0	0.2	8.0	17.2	68.
26.7	67.1	7501.0	400.0	-17.7	-44.0	276.1	10.6	332.1	332.8	0.2	7.9	18.1	69.
29.3	70.5	7980.1	375.0	-22.0	-45.3	274.7	9.1	332.2	333.2	0.2	9.9	19.0	71.
32.3	74.0	8484.2	350.0	-25.2	-50.4	260.9	11.1	332.2	333.2	0.1	7.4	20.0	72.
34.3	77.5	9018.1	325.0	-28.7	-52.5	249.4	15.7	333.2	336.2	0.1	6.7	21.5	72.
36.3	81.3	9564.9	300.0	-32.3	-54.7	255.2	24.5	339.5	340.2	0.1	6.6	24.1	72.
38.5	85.2	10154.3	275.0	-35.5	-57.4	259.5	36.0	343.4	344.0	0.1	8.5	24.3	73.
39.9	89.2	10552.3	250.0	-40.1	-59.9	261.2	45.3	346.2	349.9	99.9	999.9	34.5	74.
41.4	93.7	11563.2	225.0	-45.3	-69.9	260.3	44.1	349.1	349.9	99.9	999.9	41.2	75.
44.1	98.4	12361.1	200.0	-50.3	-69.9	256.4	43.0	352.4	349.9	99.9	999.9	48.6	76.
47.3	103.4	13700.1	175.0	-56.6	-69.9	250.5	40.2	350.2	349.9	99.9	999.9	57.4	75.
50.6	109.0	14161.2	150.0	-63.6	-69.9	257.6	35.4	360.2	349.9	99.9	999.9	65.0	75.
54.1	115.0	15268.7	125.0	-65.9	-69.9	260.4	22.7	375.6	349.9	99.9	999.9	71.5	75.
59.4	122.0	16425.1	100.0	-67.6	-69.9	999.9	99.9	397.1	349.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 39 STROUD, OKLAHOMA 7 JUN 1979 1700 GMT														138 12. 0			
TIME MIN	CNTCT	HEIGHT GPM	DRFS MB	TEMP DE C	DEW PT DE C	QIR DG	SPED M/SEC	J CLMP M/SEC	V COMP M/SEC	POT 1 DB K	E POT 1 DB K	MR RTO CM/KG	RM PCF	RANGE NM	AZ DG		
0-0	9-1	272-0	971-5	30-0	22-2	190-0	6-0	1-0	5-9	305-3	353-2	17-6	63-0	0-0	0-		
99-9	93-9	99-0	1005-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9		
99-9	93-9	99-0	975-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9		
0-7	10-1	671-6	995-0	27-4	27-1	190-0	11-9	3-7	11-3	305-3	353-1	17-9	73-0	0-5	14		
1-3	12-5	728-1	925-0	24-3	21-1	191-9	14-5	4-8	14-7	305-2	351-0	17-4	77-7	1-0	16		
2-2	14-9	940-4	900-0	22-8	23-2	231-0	16-8	6-0	15-7	305-0	350-3	16-8	95-5	1-0	17		
3-3	17-3	1154-5	875-0	21-3	17-2	211-3	16-8	5-2	16-1	305-5	349-8	14-3	77-9	2-7	20		
4-1	19-7	1447-2	850-0	21-2	13-5	229-1	14-2	13-0	13-4	310-2	337-2	5-5	44-9	3-7	26		
4-9	22-1	1707-5	825-0	22-8	9-0	227-6	17-2	12-7	11-6	312-7	336-3	6-2	38-5	4-6	30		
5-4	24-7	1974-5	800-0	20-7	7-0	229-3	14-9	12-5	11-2	313-2	335-9	7-9	41-1	5-5	33		
6-9	27-2	2247-6	775-0	17-9	5-1	227-2	16-7	12-0	11-1	313-0	333-8	7-2	43-0	6-5	35		
7-2	29-8	2527-6	750-0	15-9	5-0	231-5	15-7	12-5	9-6	311-9	335-1	7-3	40-3	7-6	37		
8-2	32-4	2815-0	725-0	13-9	3-9	235-5	14-7	12-5	7-3	314-7	335-3	7-0	55-9	8-5	40		
9-3	35-1	3109-0	700-0	11-2	2-4	240-0	14-2	13-0	5-8	314-5	334-0	6-5	54-7	9-5	42		
10-5	37-9	3412-4	675-0	8-9	2-6	245-9	13-4	12-9	3-5	315-0	333-7	6-9	64-5	10-3	44		
12-4	40-6	3746-4	650-0	6-2	2-5	251-0	12-5	12-3	2-2	316-0	332-4	7-3	76-5	11-0	47		
13-6	43-3	4045-2	625-0	3-7	0-7	251-3	10-9	10-8	1-3	316-7	332-8	6-5	90-7	11-7	49		
14-2	46-3	4370-1	600-0	1-5	-1-4	256-7	5-5	9-4	-1-1	317-5	332-7	4-9	60-8	12-2	51		
16-2	49-2	4713-6	575-0	-0-4	-21-7	261-3	8-3	8-2	1-2	319-2	332-4	1-2	16-2	12-7	53		
17-5	52-3	5071-9	550-0	-2-2	-32-2	265-7	7-7	7-2	2-7	321-2	329-1	0-5	7-9	13-3	54		
19-4	55-3	5440-0	525-0	-3-7	-34-0	269-7	5-2	9-0	1-5	324-6	325-4	0-4	7-3	13-9	55		
21-3	58-5	5823-5	500-0	-6-1	-36-9	273-5	4-3	8-3	0-4	325-6	324-8	0-3	7-5	14-6	57		
23-3	61-7	6222-9	475-0	-8-7	-38-5	278-3	6-7	6-5	-1-0	327-2	328-5	0-3	8-4	15-1	58		
25-3	65-0	6638-9	450-0	-12-1	-39-5	283-3	5-7	5-5	-1-2	328-0	328-5	0-4	12-1	15-5	60		
26-7	68-6	7074-2	425-0	-14-7	-38-5	288-2	5-2	5-2	0-6	330-1	331-8	0-5	16-4	16-0	61		
28-9	72-0	7530-7	400-0	-17-2	-43-9	293-2	6-9	6-4	1-0	332-6	333-3	0-2	7-7	16-5	61		
30-4	75-7	8012-0	375-0	-20-5	-46-0	298-7	10-0	6-3	3-5	334-0	335-2	0-2	8-0	17-4	62		
32-4	79-5	8518-1	350-0	-25-1	-49-0	292-5	13-7	13-0	4-1	334-5	335-5	0-1	9-6	18-7	63		
34-7	81-5	9052-1	325-0	-25-0	-50-3	297-8	16-1	15-7	3-4	336-7	337-2	0-1	10-6	20-7	64		
36-7	87-7	9721-6	300-0	-21-9	-51-3	298-9	23-4	23-0	5-4	340-2	340-8	0-1	5-8	22-9	65		
37-1	92-0	10332-8	275-0	-34-0	-54-4	299-2	35-5	34-9	6-7	344-2	345-1	0-1	10-1	27-1	67		
39-3	94-6	10892-1	250-0	-36-1	-57-8	295-8	43-3	42-6	7-7	347-5	348-1	0-1	11-6	32-2	69		
42-1	101-6	11602-7	225-0	-44-5	-59-9	290-2	43-5	42-0	11-4	350-4	350-9	99-9	55-9	39-5	71		
44-7	107-0	12180-1	200-0	-45-4	-59-9	290-2	41-3	37-8	14-0	354-6	350-9	99-9	55-9	46-2	71		
47-7	112-4	12747-7	175-0	-46-7	-59-9	290-2	42-2	40-1	13-0	356-4	350-9	99-9	55-9	53-7	71		
51-3	117-3	14204-7	150-0	-48-2	-59-9	290-2	35-5	34-5	8-2	359-2	350-9	99-9	55-9	62-1	71		
54-9	124-3	15115-4	125-0	-67-1	-59-9	290-2	24-0	23-8	2-9	373-2	360-9	99-9	55-9	67-7	72		
59-9	134-3	16059-5	100-0	-68-6	-59-9	290-2	99-9	99-9	99-9	395-2	395-2	99-9	99-9	99-9	99-9		
94-9	99-9	99-9	75-0	56-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9		
94-9	94-9	99-9	50-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9		
94-9	99-9	99-9	25-0	55-9	52-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9		

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 38 STROUD, OKLAHOMA															
7 JUNE 1979															
100 202.0															
TIME	CHCT	HEIGHT	PRES	TEMP	DEW	DIR	SPEED	U COMP	V COMP	POT	R POT	W3 R20	RM	RANGE	AZ
MIN		CM	MB	OC C	OC C	OC	M/SEC	M/SEC	M/SEC	DE K	OC K	CM/SEC	PCT	KM	DEG
0-0	9-0	272.0	571.6	31.6	22.0	200.0	13.0	4.4	12.2	307.2	354.7	17.5	37.0	0.0	0-
00-0	99-0	99-0	1000.0	99-0	99-0	99-0	99-0	99-0	99-0	99-0	999-0	99-0	999-0	999-0	999-0
00-0	99-0	99-0	575.0	99-0	99-0	99-0	99-0	99-0	99-0	99-0	999-0	99-0	999-0	999-0	999-0
0-6	11-0	474.1	940.0	29.6	22.6	191.4	11.1	2.2	10.8	307.3	357.5	18.5	66.0	0.5	10-
1-3	13-4	712.5	625.0	27.4	22.0	191.3	12.0	2.4	11.6	307.4	357.1	18.4	72.4	1.0	11-
1-9	15-8	955.2	900.0	24.7	20.9	191.1	11.0	2.9	10.6	307.6	354.6	17.6	79.4	1.4	11-
2-5	14-2	1202.4	875.0	27.3	21.0	203.2	18.5	4.1	9.7	307.8	356.4	18.2	92.4	1.8	13-
3-1	20-7	1454.9	851.0	19.9	19.3	213.5	14.3	7.9	11.9	307.6	350.1	15.6	90.5	2.2	15-
3-8	21-2	1713.1	825.0	20.7	5.7	222.0	17.5	11.7	13.0	310.5	330.5	7.0	37.6	2.8	21-
4-5	25-7	1979.3	800.0	20.6	4.6	221.5	16.2	10.7	12.1	313.1	332.5	6.7	34.9	3.5	25-
5-6	29-3	2253.0	775.0	15.0	2.7	223.4	14.4	9.9	10.5	314.3	332.0	6.0	33.8	4.3	29-
6-4	33-9	2531.4	750.0	14.6	0.4	231.0	13.5	10.5	8.5	314.6	330.2	5.3	33.4	5.1	31-
7-4	33-6	2421.4	725.0	14.0	-0.7	239.5	11.9	10.2	6.0	315.5	331.0	5.0	34.1	5.4	34-
8-4	35-2	3117.1	700.0	12.4	-0.5	243.1	12.3	10.9	5.5	316.2	332.1	5.3	40.7	6.4	37-
9-1	37-0	3470.9	675.0	5.7	-0.5	247.4	11.7	10.8	4.5	316.2	332.8	5.5	48.8	7.0	40-
10-3	41-4	3732.9	650.0	6.8	-0.3	252.2	11.2	10.6	3.4	316.7	331.9	5.6	60.6	7.7	42-
11-1	44-7	4056.2	625.0	4.5	-0.9	260.2	10.4	10.3	1.8	317.2	334.8	5.8	67.6	8.2	45-
12-4	47-6	4306.0	600.0	2.7	-3.7	270.6	9.7	9.0	-0.1	318.7	333.4	4.9	65.2	8.7	47-
13-5	52-5	4728.4	575.0	-0.8	-5.4	264.5	7.2	7.2	0.2	319.4	333.1	4.3	64.5	9.1	50-
14-7	51-6	5071.1	550.0	-1.8	-8.1	258.3	6.3	6.1	1.7	321.9	322.2	0.1	1.0	9.5	52-
15-7	56-6	5431.4	525.0	-3.5	-57.2	264.9	7.4	7.4	0.4	324.2	324.4	0.1	1.0	10.0	53-
17-1	59-0	5834.4	500.0	-6.5	-54.1	274.5	5.1	5.1	-0.4	325.1	325.3	0.0	1.0	10.4	55-
18-5	61-1	6234.2	475.0	-8.4	-47.9	251.5	6.8	6.5	2.2	327.6	328.4	0.2	5.2	10.7	56-
19-4	64-4	6651.0	450.0	-11.8	-44.1	237.6	6.5	5.4	3.5	329.1	329.1	0.2	4.9	11.1	56-
21-4	69-9	7085.7	425.0	-15.4	-46.4	232.0	7.5	6.2	4.9	329.1	329.8	0.1	5.0	11.9	56-
23-1	71-4	7540.5	400.0	-18.5	-43.7	231.6	8.7	6.8	5.4	330.9	331.2	0.1	2.9	12.8	56-
24-7	77-2	8018.6	375.0	-21.5	-53.4	241.0	10.4	9.1	5.0	333.2	333.4	0.1	3.7	13.7	56-
26-5	81-0	8524.0	350.0	-25.1	-59.2	244.1	16.1	14.5	7.0	334.9	335.1	0.0	2.8	14.9	56-
27-9	85-0	9040.4	325.0	-27.4	-74.2	245.1	27.4	24.9	11.6	337.6	339.2	0.0	3.1	16.7	57-
29-7	89-2	9634.7	300.0	-26.7	-60.2	251.7	32.7	31.1	10.3	343.6	343.7	0.0	3.3	16.7	57-
32-1	93-7	10244.8	275.0	-34.8	-63.3	257.0	35.2	34.3	7.9	344.6	344.9	0.0	3.7	24.8	62-
34-4	94-4	10705.3	250.0	-40.3	59.9	257.1	40.5	39.8	9.2	346.1	346.1	999-0	999-0	24.7	65-
36-8	123-4	11617.1	225.0	-45.0	59.9	999-0	99-0	99-0	99-0	346.1	346.1	99-0	999-0	35.5	67-
00-0	99-0	99-0	203.0	99-0	99-0	99-0	99-0	99-0	99-0	99-0	999-0	99-0	999-0	999-0	999-0
00-0	99-0	99-0	175.0	95.9	53.9	99-0	99-0	99-0	99-0	99-0	999-0	99-0	999-0	999-0	999-0
00-0	99-0	99-0	150.0	99-0	99-0	99-0	99-0	99-0	99-0	99-0	999-0	99-0	999-0	999-0	999-0
00-0	99-0	99-0	125.0	99-0	99-0	99-0	99-0	99-0	99-0	99-0	999-0	99-0	999-0	999-0	999-0
00-0	99-0	99-0	103.0	99-0	99-0	99-0	99-0	99-0	99-0	99-0	999-0	99-0	999-0	999-0	999-0
00-0	99-0	99-0	75.0	99-0	99-0	99-0	99-0	99-0	99-0	99-0	999-0	99-0	999-0	999-0	999-0
00-0	99-0	99-0	50.0	55.9	59.9	99-0	54.9	99-0	99-0	99-0	999-0	99-0	999-0	999-0	999-0
00-0	99-0	99-0	25.0	99-0	59.9	99-0	99-0	99-0	99-0	99-0	999-0	99-0	999-0	999-0	999-0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME PAVE BEEN INTERPOLATED  
 99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 38  
STROUD, OKLAHOMA  
7 JUNE 1979  
2305 GMT

TIME MIN	CATCT	HEIGHT GCM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	ROT T DEG R	E POT V DEG R	MX RTO CM/SEC	RM PCT	RANGE KM	AZ DEG
0.0	9.1	272.0	972.0	31.4	22.7	150.0	0.0	1.4	7.9	307.6	350.3	19.2	60.0	0.0	0.
0.9	90.9	90.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	91.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.8	11.0	478.2	950.0	30.2	23.6	182.2	11.0	0.5	11.6	307.6	361.3	19.7	67.9	0.5	4.
1.4	13.2	118.9	925.0	27.7	22.2	184.1	13.3	1.0	13.3	307.6	350.1	14.6	72.1	1.0	3.
2.3	15.4	960.0	900.0	25.1	21.5	187.4	12.6	1.7	12.7	307.6	350.0	18.2	80.4	1.7	4.
3.1	17.6	1207.9	875.0	23.0	20.4	153.3	14.9	3.4	1.5	307.6	355.4	17.5	85.3	2.3	6.
3.8	19.9	1441.1	850.0	21.3	17.7	201.0	15.8	6.7	4.3	308.4	350.2	15.2	80.3	2.9	8.
4.6	21.2	1721.2	825.0	20.6	16.9	223.5	16.3	10.6	12.4	312.1	337.6	9.8	41.6	3.6	13.
5.1	23.5	1948.7	800.0	21.4	16.6	244.2	13.4	7.6	11.5	314.5	336.2	7.7	38.0	4.3	16.
6.2	26.8	2263.1	775.0	22.0	15.1	222.3	11.4	7.6	8.4	315.2	336.1	7.1	37.5	4.9	20.
7.2	31.2	2544.9	750.0	19.1	14.9	233.4	11.0	5.5	7.1	316.2	336.1	6.4	38.9	5.4	24.
8.1	31.6	2823.7	725.0	15.2	2.6	232.7	10.2	9.1	4.7	316.2	336.1	6.4	42.7	6.1	28.
9.4	34.0	3124.9	700.0	12.8	2.5	244.5	9.6	8.7	4.1	316.6	336.1	6.0	46.7	6.6	31.
10.5	36.5	34.5	675.0	10.6	0.9	256.3	8.2	7.9	1.9	317.4	335.6	5.3	51.0	7.1	34.
11.6	38.0	3744.2	650.0	8.7	-1.5	268.0	6.0	6.8	0.5	318.4	334.7	4.9	53.6	7.4	37.
12.6	41.6	4071.2	625.0	-6	-3.1	281.0	5.1	4.8	1.7	318.4	334.7	4.9	53.6	7.4	37.
13.6	44.2	4473.6	600.0	2.7	-5.3	286.3	2.8	2.7	0.7	319.2	332.4	4.2	55.7	7.9	39.
14.8	46.9	4746.2	575.0	-0.6	-8.1	282.4	2.9	2.8	0.4	319.2	332.4	4.2	55.7	7.9	39.
15.9	49.7	5095.8	550.0	-3.2	-20.1	239.7	5.5	4.8	2.8	320.2	325.0	1.5	26.6	8.2	41.
17.1	52.4	5467.3	525.0	-4.1	-30.7	230.1	4.4	3.4	2.8	323.2	325.5	0.6	10.4	8.7	42.
18.4	55.4	5850.2	500.0	-6.7	-32.8	210.7	4.6	3.0	3.7	324.5	326.5	0.5	10.3	9.0	42.
19.6	58.3	6249.1	475.0	-8.8	-32.8	214.5	5.3	3.0	4.4	327.1	327.8	0.5	11.3	9.3	41.
20.9	61.3	6645.3	450.0	-11.7	-36.6	221.2	6.8	4.5	5.1	328.6	328.9	0.4	10.3	9.8	41.
22.2	64.5	7101.1	425.0	-14.6	-38.4	219.5	9.0	6.1	7.7	330.1	331.4	0.3	11.1	10.4	41.
23.4	67.6	7537.2	400.0	-17.8	-40.3	226.2	14.7	10.6	10.2	331.5	333.0	0.3	11.8	11.3	41.
24.9	71.0	8037.1	375.0	-21.0	-42.2	243.9	28.2	22.6	11.1	333.8	334.7	0.2	12.8	12.9	43.
26.6	74.4	8545.0	350.0	-22.5	-44.1	245.6	30.7	28.2	12.2	338.5	339.3	0.2	11.9	15.7	48.
29.4	78.0	9086.1	325.0	-26.0	-46.3	253.2	32.6	31.2	9.4	340.5	341.6	0.2	12.7	18.0	51.
32.3	81.7	9660.2	300.0	-30.8	-50.1	258.0	31.2	30.3	7.6	341.5	342.5	0.1	13.0	22.3	55.
32.2	85.7	10270.3	275.0	-34.2	-52.7	259.7	27.3	26.5	6.8	342.8	343.2	0.1	16.2	25.6	58.
34.4	88.8	10827.3	250.0	-40.3	-59.9	248.5	48.3	44.3	19.3	346.1	349.9	99.9	99.9	30.4	60.
36.8	93.2	11637.7	225.0	-45.6	-68.8	99.9	99.9	99.9	99.9	348.6	350.9	99.9	99.9	36.9	61.
39.3	98.0	12412.5	200.0	-51.4	-99.9	99.9	99.9	99.9	99.9	351.2	350.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0.9 V SPEED MEANS ELEVATION ANGLE BETWEEN G AND 10 DEG  
0.9 V TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00.0 V SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 39  
MIFA FALLS, TEXAS  
JUNE 1979  
1139 GMT

TIME MIN	CNCT	HEIGHT GPM	PKRS MB	TEMP °C	DEPT °C	WIND °C	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V % R	E POT V % K	WIND CM/SEC	RM PCT	RANGE KM	AZ °C
0.0	9.9	302.0	967.2	23.5	23.5	186.0	5.1	0.0	5.1	299.2	348.2	17.3	90.0	0.0	0.0
99.9	99.9	1000.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.3	11.4	460.1	950.0	24.1	22.7	198.1	15.1	2.6	14.9	301.6	351.0	18.7	92.3	0.5	5.0
2.2	13.7	694.2	625.0	22.5	21.7	201.6	19.1	7.0	17.7	302.2	348.8	17.5	92.4	1.2	10.0
3.1	13.7	934.0	605.0	23.6	23.6	217.9	23.9	14.7	18.9	306.0	347.3	15.2	93.4	2.3	19.0
3.8	14.7	1182.0	875.0	24.7	24.7	228.6	24.9	14.3	17.5	310.8	339.7	10.6	93.3	3.6	29.0
4.9	21.7	1182.0	850.0	24.3	24.3	222.0	11.4	14.3	15.9	311.6	339.4	9.8	93.6	4.7	32.0
5.9	21.7	1657.6	825.0	22.6	22.6	219.6	17.7	11.3	13.6	312.4	337.9	8.9	92.9	5.8	34.0
6.7	24.8	1664.5	805.0	20.1	20.1	217.3	12.3	11.4	11.4	312.4	337.9	8.0	92.9	6.9	35.0
7.6	31.6	2317.6	775.0	16.3	16.3	233.9	5.7	7.9	5.6	313.2	336.6	7.3	92.5	7.7	37.0
8.7	31.6	2317.6	750.0	16.1	16.1	231.9	6.4	6.4	5.3	314.4	336.6	6.5	92.7	8.3	39.0
9.7	36.8	3099.2	725.0	13.4	13.4	243.0	6.5	5.8	2.9	314.4	336.6	7.7	92.7	9.2	40.0
10.8	39.6	3401.4	675.0	7.8	7.8	264.9	7.0	6.9	0.6	314.4	336.6	7.6	92.7	9.6	41.0
11.6	42.3	3712.0	650.0	4.4	4.4	282.1	6.4	6.2	-1.3	315.1	329.5	4.9	92.0	9.7	43.0
13.0	45.2	4372.0	625.0	3.8	3.8	282.1	5.6	5.6	1.0	316.2	328.4	3.8	92.7	10.1	45.0
14.0	49.1	4762.0	600.0	2.8	2.8	282.1	5.5	5.0	2.4	318.2	328.4	2.7	92.7	10.4	46.0
15.2	51.1	4762.0	575.0	-0.4	-11.5	238.4	4.2	3.5	2.3	319.2	328.4	2.4	92.7	10.8	47.0
16.4	54.1	5058.9	550.0	-2.7	-11.5	238.4	5.1	4.2	2.9	320.2	328.4	2.4	92.7	11.1	47.0
17.7	57.3	5426.2	525.0	-4.9	-11.0	238.4	8.9	7.7	4.4	322.5	327.4	1.4	92.7	11.6	47.0
19.1	63.4	5827.8	500.0	-7.3	-25.3	250.0	10.7	10.0	3.6	324.1	327.4	1.0	92.7	12.4	48.0
20.5	63.7	6103.6	475.0	-5.8	-31.7	250.0	11.0	10.5	3.1	325.5	327.4	0.6	92.7	13.2	50.0
21.4	67.0	6520.0	450.0	-11.0	-32.2	248.2	11.1	10.1	4.6	327.5	327.4	0.6	92.7	14.0	51.0
23.2	70.4	7053.9	425.0	-14.9	-39.2	248.2	9.2	8.6	3.3	329.5	331.0	0.3	92.7	14.9	52.0
24.7	74.0	7509.6	400.0	-18.6	-39.3	248.2	10.0	8.7	5.0	330.2	332.1	0.3	92.7	15.6	53.0
26.3	77.7	7987.6	375.0	-21.4	-47.0	248.2	15.4	12.9	8.4	332.2	333.8	0.1	92.7	16.8	53.0
28.1	81.6	8494.4	350.0	-25.0	-48.8	248.2	24.3	21.2	11.8	337.9	338.4	0.1	92.7	19.0	54.0
29.8	85.5	9035.3	325.0	-29.0	-49.3	248.2	30.6	28.0	12.4	342.2	342.7	0.1	92.7	21.8	55.0
31.6	93.7	9612.4	300.0	-34.4	-49.3	248.2	37.2	35.3	13.6	346.6	346.6	0.1	92.7	25.2	57.0
33.6	94.2	10277.3	275.0	-38.4	-55.4	248.2	45.9	46.4	21.2	348.2	348.2	0.1	92.7	29.1	59.0
35.6	94.8	10866.3	250.0	-40.1	-59.9	248.2	48.8	41.7	19.1	348.6	348.6	0.1	92.7	35.4	60.0
37.9	101.8	11598.0	225.0	-44.4	-59.9	248.2	48.8	38.7	22.6	350.2	348.6	0.1	92.7	41.6	60.0
40.3	109.0	12374.8	200.0	-50.7	-59.9	248.2	38.5	32.6	20.4	352.4	348.6	0.1	92.7	47.5	60.0
42.8	114.4	13272.8	175.0	-52.4	-59.9	248.2	43.1	34.1	26.3	353.4	348.6	0.1	92.7	53.3	60.0
45.7	121.0	14186.6	150.0	-55.0	-59.9	248.2	39.0	32.3	21.9	358.1	348.6	0.1	92.7	60.7	58.0
49.3	124.0	15281.3	125.0	-58.1	-59.9	248.2	30.3	26.8	14.1	371.7	348.6	0.1	92.7	68.2	59.0
53.6	136.0	16613.6	100.0	-59.6	-59.9	248.2	59.5	59.5	99.9	393.3	348.6	0.1	92.7	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 39  
WICHITA FALLS, TEXAS  
7 JUNE 1979  
1405 GMT

VIMP MIN	CATY	HEIGHT GM	PHES MB	TEMP OC C	DEF PT OC C	DIR OC	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T OC K	E POT T OC K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	9.2	302.0	948.4	27.7	22.6	180.0	7.7	0.0	7.7	303.4	350.2	17.4	71.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	10.7	472.2	950.0	27.7	21.5	136.5	9.8	1.1	9.7	303.2	349.4	17.3	77.8	0.5	11.
1.4	13.1	706.8	925.0	22.2	20.2	156.1	15.4	4.8	14.6	303.0	346.7	16.3	83.0	1.1	10.
2.3	13.5	946.3	900.0	22.6	15.9	211.2	20.3	11.7	16.6	304.2	341.9	13.7	70.5	2.0	18.
3.7	17.9	1153.7	875.0	25.9	12.1	222.0	20.9	16.0	15.9	310.7	339.4	10.2	42.2	3.1	27.
4.0	23.3	1444.5	850.0	24.5	9.5	220.6	17.4	11.3	13.2	311.6	337.0	8.6	39.6	4.1	32.
5.0	22.4	1709.2	825.0	22.4	7.9	221.1	16.4	10.6	12.5	311.2	335.2	8.1	39.3	5.3	32.
5.3	24.3	1976.0	800.0	20.4	4.7	223.2	15.3	10.6	11.7	313.0	335.3	7.7	40.8	5.9	34.
6.8	27.8	2249.0	775.0	18.2	4.3	224.7	7.6	8.8	9.1	313.4	333.1	6.8	39.7	6.7	35.
7.9	33.3	2525.0	750.0	16.2	3.5	229.7	4.5	6.5	5.5	314.2	333.5	6.6	42.7	7.3	36.
9.0	37.9	2816.4	725.0	14.0	2.3	231.4	2.9	5.4	4.3	314.6	332.2	6.3	45.3	7.7	37.
10.0	35.6	3111.3	700.0	11.3	3.1	229.0	6.4	4.9	4.2	315.0	335.0	6.0	57.0	8.2	37.
11.3	34.3	3414.0	675.0	7.4	3.3	230.2	5.5	5.1	2.9	315.0	336.1	7.2	70.2	8.6	38.
12.2	41.0	3724.9	650.0	5.0	1.2	237.9	4.0	3.9	0.8	315.2	334.6	4.5	72.4	8.6	39.
13.4	41.9	4047.4	625.0	4.2	-0.1	237.6	3.1	2.6	1.7	317.2	326.7	3.0	36.7	9.0	40.
14.6	46.7	4376.2	600.0	3.9	-1.0	239.7	3.5	2.7	2.3	318.3	325.1	2.3	22.1	9.2	40.
15.7	43.6	4718.3	575.0	-0.2	-1.3	237.2	6.2	5.2	3.3	319.7	327.3	2.4	36.7	9.6	41.
16.9	52.6	5072.7	550.0	-2.5	-1.5	258.0	7.6	7.7	1.6	321.1	327.9	2.1	36.5	10.3	42.
18.3	55.6	5440.0	525.0	-5.1	-1.6	267.5	7.0	7.0	0.3	322.2	328.2	1.8	36.8	10.5	44.
19.7	58.6	5821.7	500.0	-7.2	-1.6	285.8	6.0	6.0	2.7	324.2	329.7	1.3	24.8	10.5	46.
21.1	61.9	6219.8	475.0	-6.9	-3.0	238.3	7.7	6.5	4.0	326.2	328.5	0.6	16.5	11.5	47.
22.7	5.3	6635.0	450.0	-12.6	-2.9	233.1	8.2	7.3	3.7	327.4	329.8	0.7	22.0	12.2	48.
24.1	64.6	7049.2	425.0	-14.6	-3.6	235.7	8.6	7.1	4.0	329.5	331.1	0.3	11.1	12.9	49.
25.9	72.1	7524.7	400.0	-13.2	-4.3	236.2	11.6	9.8	6.5	331.2	332.2	0.2	10.8	13.4	49.
27.3	75.8	8004.4	375.0	-20.7	-4.9	236.3	21.0	17.1	12.3	334.2	335.0	0.2	10.3	15.5	49.
27.3	79.5	8512.6	350.0	-24.3	-6.0	235.3	26.5	21.1	15.9	338.6	335.5	0.2	10.5	18.0	50.
31.2	83.3	9055.5	325.0	-24.7	-4.9	230.6	30.0	26.1	14.7	342.7	343.3	0.1	8.6	21.1	51.
31.2	91.5	9632.6	300.0	-29.7	-4.9	230.5	33.6	31.0	13.5	343.2	343.8	0.1	9.0	25.1	53.
31.2	91.5	10246.0	275.0	-37.3	-5.6	245.2	37.5	34.4	15.9	346.1	346.4	0.1	10.3	29.9	55.
33.0	94.3	10802.9	250.0	-40.8	53.9	244.2	39.6	35.6	17.2	345.4	349.9	99.9	999.9	35.6	57.
33.6	101.0	11672.6	225.0	-47.8	99.9	238.5	39.0	31.3	20.4	349.5	349.9	99.9	999.9	42.0	57.
33.6	106.2	12379.0	200.0	-54.4	50.9	235.7	34.1	28.1	19.2	351.0	349.9	99.9	999.9	43.0	57.
36.4	111.9	13243.0	175.0	-54.2	99.9	230.6	37.2	28.1	24.7	353.5	349.9	99.9	999.9	54.1	57.
38.4	117.8	14168.2	150.0	-64.5	53.9	230.1	37.6	32.1	19.7	359.6	349.9	99.9	999.9	61.6	56.
53.3	124.5	15567.9	125.0	-67.8	99.9	241.9	26.6	24.6	12.5	372.2	349.9	99.9	999.9	68.6	57.
57.4	132.0	16833.7	100.0	-65.3	99.9	99.9	99.9	99.9	99.9	393.6	349.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

0.00 SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0.00 TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
0.00 SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 39  
NICHITA FALLS, TEXAS  
7 JUNE 1979  
2005 GMT

TIME MIN	CNCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT V DEG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	9.5	302.0	988.3	34.3	19.9	180.0	9.2	0.0	9.2	310.2	352.7	15.3	43.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	11.1	474.0	970.0	32.3	21.6	150.5	12.1	4.0	11.4	310.0	352.7	17.4	53.4	0.4	0.
1.3	13.4	714.0	950.0	26.8	20.4	159.3	11.9	3.5	11.4	309.6	353.3	16.5	56.9	1.0	15.
1.9	15.8	559.1	930.0	27.2	19.4	189.3	12.3	2.0	12.1	309.6	353.4	16.0	62.2	1.4	15.
2.6	18.2	1208.1	915.0	24.7	18.4	181.1	12.5	0.2	12.1	309.4	352.0	15.9	68.3	1.9	12.
3.3	20.6	1462.2	890.0	22.4	17.6	187.7	12.3	1.0	12	309.2	351.2	15.1	74.4	2.5	9.
4.5	23.0	1722.3	855.0	22.2	12.0	199.1	12.5	4.1	11	312.1	342.6	10.6	52.6	3.3	10.
5.5	25.5	1949.8	800.0	21.2	7.2	207.2	11.2	5.1	16.	313.7	330.8	6.0	40.3	4.0	13.
6.4	28.1	2263.7	775.0	19.3	3.6	216.9	9.8	6.2	7.5	314.6	333.4	6.4	35.3	4.6	15.
7.5	30.7	2544.9	750.0	17.3	3.1	216.9	9.5	7.5	5.2	315.4	334.2	6.4	35.6	5.1	15.
8.5	33.3	2532.9	725.0	14.6	1.3	242.0	9.0	8.0	4.2	315.7	333.0	5.9	40.0	5.5	23.
9.4	36.0	3126.2	700.0	11.9	1.0	241.0	6.5	7.5	4.1	315.7	333.2	5.9	47.1	6.0	26.
10.7	38.8	3431.6	675.0	5.3	0.9	233.3	6.1	6.9	4.3	316.1	333.0	5.1	55.7	6.5	29.
11.8	41.4	3742.9	650.0	6.1	-3.0	233.4	7.2	6.1	3.4	315.5	330.0	4.7	52.0	6.9	31.
12.9	44.3	4061.4	625.0	3.8	-6.7	245.5	6.5	5.9	2	316.2	328.1	3.7	46.1	7.3	33.
14.0	47.2	4394.0	600.0	2.0	-13.0	243.7	5.9	5.5	2.1	318.7	326.1	2.4	32.6	7.6	34.
15.2	50.1	4716.3	575.0	0.2	-17.0	233.7	5.2	4.2	3.1	320.2	325.9	1.8	26.0	7.9	36.
16.4	53.1	5091.4	550.0	-2.1	-14.3	222.7	6.5	4.7	5.0	321.6	328.9	2.3	38.6	8.4	36.
17.8	56.3	4459.2	525.0	-4.9	-17.7	233.6	8.0	6.4	4.7	322.5	328.4	1.6	36.1	9.0	37.
19.1	59.1	4841.8	500.0	-6.6	-24.1	235.8	6.7	7.7	4.9	324.6	328.6	1.1	23.4	9.6	38.
20.6	62.6	6241.1	475.0	-8.7	-30.2	237.7	5.3	7.8	5.0	327.2	325.5	0.6	15.6	10.4	40.
22.1	65.0	6656.3	450.0	-10.0	-36.2	236.0	12.7	10.5	7.1	330.7	332.1	0.4	5.6	11.2	41.
23.7	69.4	7057.3	425.0	-12.6	-33.3	234.2	18.2	14.8	10.7	332.6	334.0	0.3	9.5	12.7	43.
25.1	73.0	7555.9	400.0	-16.3	-41.1	229.0	23.9	18.0	15.7	333.1	334.8	0.3	9.6	14.7	44.
27.0	76.7	8042.0	375.0	-17.0	-46.3	226.8	28.4	18.5	17.4	339.2	339.8	0.2	5.8	17.3	46.
28.8	80.5	8555.5	350.0	-21.5	-46.9	233.8	27.3	22.1	16.1	339.8	340.5	0.2	7.9	20.0	45.
30.4	84.5	9097.4	325.0	-26.0	-47.3	233.3	30.5	24.4	18.2	340.5	341.5	0.2	11.4	23.5	47.
32.8	88.6	9670.4	300.0	-31.4	-48.4	233.9	30.9	25.0	18.2	341.2	341.7	0.1	14.9	27.2	46.
35.1	93.0	10281.7	275.0	-35.0	-52.5	234.2	32.2	26.2	18.6	344.5	344.9	0.1	14.6	31.5	48.
37.2	97.0	10938.4	250.0	-40.7	-59.9	232.5	35.5	26.1	21.6	345.6	345.6	99.9	150.9	35.8	49.
39.6	102.4	11649.9	225.0	-45.2	-59.9	228.6	38.6	29.0	25.6	349.2	349.2	99.9	99.9	41.2	49.
42.0	107.6	12424.6	200.0	-52.2	-59.9	229.7	33.9	25.9	21.9	350.2	349.9	99.9	99.9	46.3	49.
44.8	113.4	13275.6	175.0	-56.7	-59.9	236.0	33.7	28.0	18.9	353.1	349.9	99.9	99.9	52.1	49.
48.0	119.5	14210.6	150.0	-64.1	-59.9	237.0	27.9	23.4	15.2	359.6	349.9	99.9	99.9	58.2	50.
51.8	126.3	15328.2	125.0	-70.5	-59.9	227.8	24.4	18.1	16.4	367.3	349.9	99.9	99.9	64.0	50.
54.0	134.0	16649.2	100.0	-71.8	-59.9	99.9	99.9	99.9	99.9	369.0	349.9	99.9	99.9	99.9	99.9
59.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 39  
WICHITA FALLS, TEXAS  
7 JUNE 1970  
2305 GMT

TIME MIN	CNTCT	HEIGHT CM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG M	S POT Y DEG M	MJ RTD CM/KC	RM PCT	RANGE KM	AZ DEG
0.0	10.0	302.0	948.1	32.0	23.4	170.0	9.2	-1.0	0.2	308.5	354.8	17.9	97.8	0.0	0.
0.0	10.0	99.0	1000.0	99.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	10.0	99.0	975.0	95.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	17.0	473.5	958.0	33.5	22.7	182.0	9.7	-2.0	9.5	311.2	362.5	18.4	53.2	0.5	346.
1.0	10.3	715.0	925.0	31.4	21.9	168.0	9.7	-2.0	9.5	311.4	361.6	18.2	57.0	0.6	345.
1.6	16.7	961.0	900.0	26.0	20.1	173.9	11.4	-1.2	11.4	311.2	357.5	16.8	59.7	1.1	368.
2.3	19.7	1211.7	875.0	26.5	19.9	175.5	13.9	-1.1	13.8	311.2	355.5	16.7	63.1	1.7	350.
2.9	21.5	1467.7	850.0	24.3	18.6	179.4	13.0	-0.1	13.8	311.4	356.1	16.1	70.6	2.2	351.
3.7	23.9	1729.1	825.0	22.2	17.7	180.0	13.7	1.9	13.6	312.1	355.8	15.7	75.6	2.6	354.
4.6	26.4	1996.6	800.0	15.7	14.7	180.9	12.1	4.2	12.4	312.1	349.5	13.4	73.5	3.5	358.
5.6	28.9	2270.1	775.0	18.9	6.2	216.7	10.0	4.2	8.9	316.2	336.7	7.8	43.6	4.2	3.
6.6	31.5	2551.4	750.0	17.9	2.5	223.5	9.7	4.6	7.0	315.2	333.6	6.1	26.6	4.7	8.
7.9	36.1	2840.0	725.0	15.3	1.2	231.0	8.8	6.8	5.5	316.2	333.5	5.8	38.3	5.2	13.
9.0	36.7	3136.2	700.0	12.0	-0.1	243.6	7.8	7.0	3.9	316.7	332.9	5.4	41.1	5.6	16.
10.2	39.4	3440.5	675.0	10.3	-2.8	259.9	7.0	8.0	1.3	317.1	331.7	4.6	39.8	5.9	20.
11.0	42.1	3753.2	650.0	7.0	-7.5	289.9	6.7	6.7	0.0	317.8	331.6	4.5	44.4	6.1	23.
12.1	45.0	4075.4	625.0	5.1	-8.5	285.9	6.2	5.5	-1.7	318.2	329.9	3.8	42.7	6.2	27.
13.0	47.8	4407.7	600.0	3.7	-15.5	282.1	6.0	5.9	0.8	320.4	325.3	1.5	18.0	6.3	30.
14.1	50.7	4751.4	575.0	1.3	-25.1	238.6	5.7	4.9	3.0	321.4	324.3	0.8	10.8	6.6	32.
15.2	53.6	5107.2	550.0	-1.5	-18.1	230.8	5.5	4.2	3.5	322.2	328.7	2.0	32.9	7.0	33.
16.5	56.7	5475.4	525.0	-4.6	-15.4	234.2	6.5	5.3	3.8	322.9	328.5	1.7	32.9	7.4	36.
18.2	59.9	5958.0	500.0	-8.3	-25.7	230.9	6.2	6.4	5.2	324.4	329.8	0.9	18.1	8.1	36.
19.7	63.0	6298.6	475.0	-7.2	-32.3	230.3	13.0	10.6	7.6	329.0	330.6	0.5	10.3	8.9	37.
21.0	66.3	6679.5	450.0	-9.2	-38.8	231.0	19.4	16.9	9.4	331.7	333.0	0.4	8.4	10.1	40.
23.4	65.7	7118.7	425.0	-11.9	-38.2	233.0	23.5	18.7	14.1	333.7	335.0	0.3	9.1	11.8	43.
25.7	73.1	7581.9	400.0	-14.0	-45.1	227.4	25.7	18.9	17.4	336.6	337.9	0.3	8.8	13.7	44.
28.3	78.7	8068.2	375.0	-16.0	-42.3	225.9	27.1	19.5	18.9	337.8	338.7	0.2	9.7	15.2	44.
28.8	80.6	8579.9	350.0	-21.9	-49.6	228.4	28.2	20.5	19.5	339.1	340.0	0.2	10.6	16.9	44.
29.8	84.5	9120.6	325.0	-24.5	-46.9	226.9	30.1	22.0	20.6	340.1	340.1	0.2	12.4	21.6	45.
32.3	79.5	9652.6	300.0	-30.9	-48.0	226.6	29.6	21.6	20.3	341.9	342.7	0.1	14.9	25.0	45.
33.2	92.8	10304.6	275.0	-35.4	-51.7	226.6	32.8	23.9	22.5	343.9	344.4	0.1	16.9	28.5	45.
34.4	102.2	11675.4	250.0	-39.5	-59.9	227.5	33.4	24.3	22.9	347.4	349.9	59.9	959.9	32.6	45.
36.0	107.4	12430.2	200.0	-45.5	-59.3	227.5	32.2	23.8	21.7	348.4	349.9	59.9	959.9	36.9	45.
38.8	113.3	13304.5	175.0	-57.5	-59.9	229.9	99.9	99.9	99.9	350.4	350.4	99.9	959.9	99.9	99.9
40.6	119.5	14260.2	150.0	-64.4	-59.9	229.9	99.9	99.9	99.9	359.1	359.9	99.9	959.9	99.9	99.9
43.4	126.3	15360.4	125.0	-70.3	-59.9	229.9	99.9	99.9	99.9	367.7	369.9	99.9	959.9	99.9	99.9
52.4	134.3	16583.2	100.0	-72.8	-59.9	229.9	99.9	99.9	99.9	387.1	390.9	99.9	959.9	99.9	99.9
60.9	99.9	99.9	75.0	99.9	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
69.9	99.9	99.9	50.0	99.9	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.0	99.9	99.9	25.0	-59.9	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE CO TIME N.I.F. BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

## APPENDIX II

AVE-SESAME VI Sounding Data  
of Questionable Validity  
Presented at 25-mb Intervals

**PRECEDING PAGE BLANK NOT FILMED**

STATION NO. 222  
BOOTHVILLE, LOUISIANA

7 JUNE 1979

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

160 11. 1

TIME MIN	CNTCT	WEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG F	E POT T DEG K	MR RTO GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	4.3	1.0	1012.0	24.4	22.8	140.0	3.1	-2.0	2.4	296.5	342.1	17.4	91.8	0.0	0.
0.5	5.2	103.7	1000.0	25.3	20.9	99.9	99.9	99.9	99.9	298.1	349.9	99.9	99.9	99.9	99.9
1.2	7.2	326.5	975.0	23.8	99.9	99.9	99.9	99.9	99.9	299.1	359.9	99.9	99.9	99.9	99.9
2.0	9.3	551.6	950.0	21.7	99.9	99.9	99.9	99.9	99.9	299.2	369.9	99.9	99.9	0.7	34.6
2.4	11.3	781.5	925.0	20.5	99.9	195.4	7.9	2.1	7.6	300.3	379.9	99.9	99.9	1.0	35.5
3.7	13.5	1016.3	900.0	18.4	99.9	193.5	10.4	2.4	10.1	300.4	389.9	99.9	99.9	1.5	0.
4.5	15.7	1250.5	875.0	17.7	99.9	192.0	12.1	2.5	11.8	302.2	399.9	99.9	99.9	2.0	4.
5.4	18.0	1502.5	850.0	15.6	99.9	192.2	9.6	0.7	9.6	302.7	409.9	99.9	99.9	2.4	5.
6.4	20.3	1751.9	825.0	14.9	99.9	174.9	9.6	-0.9	9.6	304.4	419.9	99.9	99.9	3.1	6.
7.2	22.6	2014.5	800.0	15.2	99.9	174.7	8.5	-0.5	8.6	307.3	429.9	99.9	99.9	3.6	3.
8.2	25.1	2292.4	775.0	14.4	99.9	192.5	9.2	0.4	9.0	309.3	439.9	99.9	99.9	4.1	2.
9.3	27.4	2557.6	750.0	12.4	99.9	191.2	8.7	1.7	8.5	310.0	449.9	99.9	99.9	4.7	3.
10.3	30.0	2840.9	725.0	12.5	99.9	200.7	7.6	2.7	7.1	313.2	459.9	99.9	99.9	5.2	4.
11.3	32.6	3134.3	700.0	11.5	99.9	211.5	6.1	3.2	5.2	315.2	469.9	99.9	99.9	5.4	5.
12.4	35.2	3437.0	675.0	10.5	99.9	228.2	5.3	3.9	3.5	317.4	479.9	99.9	99.9	5.9	7.
13.4	37.8	3741.8	650.0	9.4	99.9	245.4	5.8	5.3	2.4	319.6	489.9	99.9	99.9	6.1	10.
14.6	40.5	4072.6	625.0	6.5	99.9	246.0	6.5	5.9	2.6	319.9	499.9	99.9	99.9	6.3	13.
15.7	43.1	4405.5	600.0	4.4	99.9	241.5	7.5	6.6	3.6	321.2	509.9	99.9	99.9	6.4	16.
17.0	46.1	4750.0	575.0	2.0	99.9	237.8	8.6	7.3	4.6	322.3	519.9	99.9	99.9	7.1	23.
18.4	49.1	5106.4	550.0	-1.0	99.9	230.7	8.8	7.3	4.8	322.9	529.9	99.9	99.9	7.7	23.
19.8	52.0	5470.0	525.0	-3.0	99.9	220.7	8.7	6.7	5.5	324.8	539.9	99.9	99.9	8.3	26.
21.2	55.2	5863.2	500.0	-6.0	99.9	228.9	9.4	7.1	6.2	325.7	549.9	99.9	99.9	9.0	27.
22.6	58.3	6259.4	475.0	-8.9	99.9	233.7	9.4	7.6	5.5	327.0	559.9	99.9	99.9	9.7	29.
23.9	61.6	6676.5	450.0	-11.1	99.9	240.1	10.3	8.9	5.1	329.3	569.9	99.9	99.9	10.5	31.
25.6	65.1	7113.9	425.0	-12.7	99.9	243.5	10.5	9.4	4.7	332.7	579.9	99.9	99.9	11.3	34.
27.3	68.5	7573.8	400.0	-15.6	99.9	246.4	11.9	10.9	4.7	334.8	589.9	99.9	99.9	12.3	37.
29.2	72.0	8059.4	375.0	-17.1	99.9	247.5	13.9	12.9	5.3	338.9	599.9	99.9	99.9	13.6	40.
31.2	76.0	8572.1	350.0	-21.5	99.9	251.0	15.0	14.2	4.9	339.8	609.9	99.9	99.9	15.2	43.
33.2	80.0	9111.3	325.0	-25.9	99.9	254.3	13.9	13.4	3.8	341.1	619.9	99.9	99.9	16.7	46.
35.2	84.0	9687.4	300.0	-30.8	99.9	251.9	13.4	12.7	4.2	342.4	629.9	99.9	99.9	18.2	48.
37.6	88.4	10300.0	275.0	-35.2	99.9	249.5	11.7	11.3	3.1	344.2	639.9	99.9	99.9	19.9	51.
40.3	93.2	10957.1	250.0	-40.5	99.9	244.4	11.4	11.3	1.1	346.2	649.9	99.9	99.9	21.2	53.
42.7	98.0	11605.5	225.0	-46.5	99.9	274.2	13.5	13.5	-1.0	347.3	659.9	99.9	99.9	23.0	55.
45.5	103.3	12435.7	200.0	-52.4	99.9	268.7	13.2	12.5	-4.2	349.9	669.9	99.9	99.9	24.6	58.
48.1	109.3	13207.2	175.0	-58.6	99.9	284.9	12.0	11.4	-3.1	353.2	679.9	99.9	99.9	26.0	63.
51.7	115.4	14236.5	150.0	-66.7	99.9	275.8	10.8	10.7	-1.1	355.1	689.9	99.9	99.9	27.7	66.
55.5	123.0	15311.1	125.0	-74.0	99.9	280.7	10.4	10.2	-1.9	361.0	699.9	99.9	99.9	30.0	68.
60.0	131.0	16607.2	100.0	-75.3	99.9	310.7	5.1	3.9	-1.3	362.3	709.9	99.9	99.9	31.0	71.
65.7	139.7	18300.8	75.0	-70.6	99.9	96.6	6.2	-0.2	0.7	425.0	719.9	99.9	99.9	30.4	71.
73.6	159.0	20779.9	50.0	-57.6	99.9	84.0	13.3	-13.3	-1.4	507.8	729.9	99.9	99.9	25.3	70.
88.0	156.3	25274.0	25.0	-48.4	99.9	99.9	99.9	99.9	99.9	645.5	739.9	99.9	99.9	16.2	55.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 222  
BOOTHVILLE, LOUISIANA

7 JUNE 1970  
1400 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

150 15. 1

TIME MIN	CATCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	4.1	1.0	1013.5	26.1	22.6	160.0	6.7	-2.3	6.3	300.1	345.6	17.3	72.0	0.0	0.
0.5	5.1	114.5	1000.0	26.0	22.6	99.9	99.9	99.9	99.9	299.2	345.6	99.9	99.9	99.9	99.9
1.2	6.0	340.7	975.0	24.2	22.7	99.9	99.9	99.9	99.9	299.5	345.6	99.9	99.9	99.9	99.9
2.1	9.0	560.1	950.0	22.7	22.7	99.9	99.9	99.9	99.9	300.2	345.6	99.9	99.9	99.9	99.9
3.1	13.9	797.1	92.0	21.9	22.9	99.9	6.4	0.3	6.4	301.7	345.6	99.9	99.9	99.9	99.9
4.1	12.9	1033.2	900.0	20.5	20.5	99.9	177.8	7.5	7.5	302.6	345.6	99.9	99.9	99.9	99.9
5.2	11.1	1278.4	875.0	19.2	19.2	99.9	170.5	8.1	-1.4	303.7	345.6	99.9	99.9	99.9	99.9
6.1	17.1	1522.9	850.0	9.7	99.9	99.9	133.9	9.0	-1.0	305.7	345.6	99.9	99.9	99.9	99.9
7.1	14.3	1777.6	825.0	17.1	99.9	133.9	8.6	0.5	8.6	306.7	345.6	99.9	99.9	99.9	99.9
8.1	21.4	2210.5	800.0	15.7	99.9	133.9	7.0	1.8	6.7	307.9	345.6	99.9	99.9	99.9	99.9
9.3	23.4	2210.5	775.0	14.1	99.9	133.9	7.1	2.3	6.8	309.0	345.6	99.9	99.9	99.9	99.9
10.5	25.9	2401.6	750.0	13.1	99.9	202.9	6.9	3.1	6.1	310.8	345.6	99.9	99.9	99.9	99.9
11.6	28.3	2401.6	725.0	11.9	99.9	214.7	7.0	4.0	5.7	312.5	345.6	99.9	99.9	99.9	99.9
12.7	30.6	3152.7	700.0	10.8	99.9	223.1	6.2	4.3	4.5	314.4	345.6	99.9	99.9	99.9	99.9
14.0	33.3	3459.7	675.0	10.2	99.9	227.5	4.8	3.6	3.7	317.1	345.6	99.9	99.9	99.9	99.9
15.2	35.8	3772.5	650.0	9.3	99.9	221.7	4.5	3.0	3.4	319.5	345.6	99.9	99.9	99.9	99.9
16.5	38.4	4073.4	625.0	6.5	99.9	233.1	4.9	4.0	3.0	319.9	345.6	99.9	99.9	99.9	99.9
17.9	41.2	4473.1	600.0	4.1	99.9	236.8	5.7	4.6	3.1	320.8	345.6	99.9	99.9	99.9	99.9
19.2	43.7	4772.0	575.0	1.7	99.9	235.7	5.5	4.6	3.1	322.0	345.6	99.9	99.9	99.9	99.9
20.6	46.7	5120.4	550.0	-1.3	99.9	247.0	6.7	6.1	2.6	322.6	345.6	99.9	99.9	99.9	99.9
22.1	49.6	5497.3	525.0	-3.1	99.9	237.1	7.2	6.0	3.9	324.7	345.6	99.9	99.9	99.9	99.9
23.3	52.5	5893.0	500.0	-5.2	99.9	210.7	6.6	3.4	5.7	326.7	345.6	99.9	99.9	99.9	99.9
25.7	55.6	6432.7	475.0	-7.2	99.9	216.9	8.9	5.4	7.2	329.1	345.6	99.9	99.9	99.9	99.9
27.2	58.7	6702.0	450.0	-9.7	99.9	229.7	11.0	6.4	7.1	331.0	345.6	99.9	99.9	99.9	99.9
28.9	62.1	7143.2	425.0	-13.3	99.9	245.8	10.5	9.6	4.3	332.0	345.6	99.9	99.9	99.9	99.9
30.7	65.5	7599.3	400.0	-16.3	99.9	260.1	9.2	9.1	1.6	333.8	345.6	99.9	99.9	99.9	99.9
32.4	69.0	8083.1	375.0	-17.7	99.9	244.0	9.6	8.6	4.2	338.1	345.6	99.9	99.9	99.9	99.9
34.9	72.5	8547.3	350.0	-20.4	99.9	242.9	5.9	8.8	4.5	341.3	345.6	99.9	99.9	99.9	99.9
37.0	76.6	9181.4	325.0	-24.4	99.9	246.7	9.4	8.6	3.7	343.1	345.6	99.9	99.9	99.9	99.9
39.0	80.6	9719.8	300.0	-28.6	99.9	255.3	9.8	9.5	2.5	346.0	345.6	99.9	99.9	99.9	99.9
41.1	85.0	10334.7	275.0	-34.6	99.9	248.4	9.3	9.2	3.6	345.1	345.6	99.9	99.9	99.9	99.9
43.4	89.5	10773.1	250.0	-40.1	99.9	253.9	11.0	11.4	2.2	346.5	345.6	99.9	99.9	99.9	99.9
46.1	94.6	11703.7	225.0	-45.6	99.9	270.3	15.5	15.5	-0.1	348.3	345.6	99.9	99.9	99.9	99.9
48.4	99.8	12477.2	200.0	-52.1	99.9	270.4	14.1	14.2	-2.1	350.3	345.6	99.9	99.9	99.9	99.9
51.6	105.5	13474.4	175.0	-58.2	99.9	272.3	8.0	8.0	-0.3	351.9	345.6	99.9	99.9	99.9	99.9
55.0	112.0	14260.2	150.0	-66.6	99.9	257.0	9.1	8.2	2.1	353.4	345.6	99.9	99.9	99.9	99.9
58.6	119.3	15367.1	125.0	-73.1	99.9	271.2	9.2	8.2	-4.0	362.7	345.6	99.9	99.9	99.9	99.9
62.4	127.3	16663.2	100.0	-78.4	99.9	275.8	4.4	4.2	-1.2	368.0	345.6	99.9	99.9	99.9	99.9
66.4	137.0	18349.9	75.0	-70.9	99.9	110.1	6.9	-6.5	2.4	424.3	345.6	99.9	99.9	99.9	99.9
70.2	146.3	20831.6	50.0	-56.5	99.9	91.1	13.4	-13.4	0.7	510.3	345.6	99.9	99.9	99.9	99.9
88.6	155.7	25329.2	25.0	-48.1	99.9	85.7	17.9	-17.8	-1.3	646.6	345.6	99.9	99.9	99.9	99.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232  
 BOOTHVILLE, LOUISIANA

7 JUNE 1979

 ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES  
 1700 GMT

160 14. 1

TIME MIN	CMTC	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PUT T DEG K	E POT T DEG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	0.0	1.0	1019.3	29.4	23.8	180.0	5.1	-1.7	4.8	301.3	350.4	18.7	72.0	0.0	0.0
0.3	5.1	126.7	1000.0	26.0	99.9	99.9	99.9	99.9	99.9	299.2	999.9	99.9	999.9	999.9	999.9
0.6	7.1	348.0	975.0	24.3	99.9	99.9	99.9	99.9	99.9	299.7	999.9	99.9	999.9	999.9	999.9
1.0	9.3	573.4	950.0	21.9	99.9	99.9	99.9	99.9	99.9	299.5	999.9	99.9	999.9	999.9	999.9
1.4	11.2	803.4	925.0	20.7	99.9	181.1	3.0	0.1	3.0	300.5	999.9	99.9	999.9	0.0	341.0
1.8	13.4	1038.9	900.0	19.6	99.9	175.4	5.4	-0.4	5.3	301.7	999.9	99.9	999.9	1.1	345.0
2.2	15.5	1230.1	875.0	18.7	99.9	178.9	7.5	-0.1	7.5	303.2	999.9	99.9	999.9	1.5	347.0
2.6	17.6	1527.7	850.0	18.3	99.9	191.4	7.1	1.4	7.0	305.3	999.9	99.9	999.9	1.9	351.0
3.0	20.0	1781.7	825.0	16.9	99.9	201.3	6.5	2.3	6.0	306.4	999.9	99.9	999.9	2.2	355.0
3.4	22.1	2042.4	800.0	15.3	99.9	215.7	6.3	3.7	5.1	307.5	999.9	99.9	999.9	2.5	359.0
3.8	24.5	2309.9	775.0	13.6	99.9	228.0	6.7	4.7	4.8	308.4	999.9	99.9	999.9	2.8	363.0
4.2	26.8	2584.7	750.0	12.4	99.9	238.2	6.4	4.8	4.2	310.0	999.9	99.9	999.9	3.1	367.0
4.6	29.3	2867.2	725.0	10.5	99.9	238.7	5.0	4.1	2.9	311.0	999.9	99.9	999.9	3.4	371.0
5.0	31.9	3158.3	700.0	9.8	99.9	227.4	4.2	3.1	2.8	313.3	999.9	99.9	999.9	3.6	375.0
5.4	34.4	3459.1	675.0	8.6	99.9	211.7	4.1	2.2	3.5	315.2	999.9	99.9	999.9	3.8	379.0
5.8	36.9	3769.9	650.0	7.6	99.9	212.0	5.2	2.7	4.4	317.6	999.9	99.9	999.9	4.2	383.0
6.2	39.7	4091.3	625.0	5.5	99.9	221.9	5.0	3.4	3.7	318.8	999.9	99.9	999.9	4.6	387.0
6.6	42.2	4423.3	600.0	3.3	99.9	228.1	5.4	4.0	3.6	319.9	999.9	99.9	999.9	4.9	391.0
7.0	45.0	4766.2	575.0	0.8	99.9	236.8	5.3	4.5	3.2	321.0	999.9	99.9	999.9	5.3	395.0
7.4	48.0	5121.4	550.0	-1.4	99.9	238.8	7.0	6.0	3.6	322.4	999.9	99.9	999.9	5.7	399.0
7.8	50.8	5490.5	525.0	-3.1	99.9	228.8	7.7	5.8	5.0	324.7	999.9	99.9	999.9	6.2	403.0
8.2	53.9	5874.7	500.0	-5.4	99.9	221.8	9.5	6.4	7.1	326.5	999.9	99.9	999.9	6.8	407.0
8.6	56.8	6275.1	475.0	-8.3	99.9	230.5	10.4	8.0	8.6	327.8	999.9	99.9	999.9	7.7	411.0
9.0	59.1	6692.6	450.0	-10.7	99.9	252.7	9.4	5.8	2.8	329.8	999.9	99.9	999.9	8.4	415.0
9.4	61.5	7129.5	425.0	-14.0	99.9	268.8	8.4	8.4	0.2	331.1	999.9	99.9	999.9	9.3	419.0
9.8	64.9	7587.8	400.0	-16.2	99.9	277.3	7.0	6.9	-0.9	333.0	999.9	99.9	999.9	9.8	423.0
10.2	70.4	8070.4	375.0	-19.1	99.9	309.8	5.0	3.8	-3.2	336.3	999.9	99.9	999.9	10.0	427.0
10.6	75.0	8581.8	350.0	-21.4	99.9	321.8	6.1	5.0	-6.4	339.9	999.9	99.9	999.9	10.1	431.0
11.0	78.0	9123.9	325.0	-25.4	99.9	301.8	9.2	7.9	-4.9	341.7	999.9	99.9	999.9	10.1	435.0
11.4	82.0	9700.2	300.0	-29.6	99.9	297.4	8.0	7.1	-3.7	343.7	999.9	99.9	999.9	10.7	439.0
11.8	86.3	10314.0	275.0	-35.1	99.9	280.5	7.1	6.8	-2.0	344.4	99.9	99.9	999.9	11.2	443.0
12.2	90.8	10970.7	250.0	-40.7	99.9	248.4	9.5	9.5	0.3	345.6	999.9	99.9	999.9	12.0	447.0
12.6	95.8	11678.1	225.0	-47.1	99.9	222.9	12.9	12.9	-0.7	346.3	999.9	99.9	999.9	13.4	451.0
13.0	101.0	12447.0	200.0	-53.3	99.9	220.8	12.8	12.8	-2.4	348.3	999.9	99.9	999.9	15.0	455.0
13.4	107.0	13294.5	175.0	-59.8	99.9	283.6	8.1	8.1	0.9	351.2	999.9	99.9	999.9	16.3	459.0
13.8	113.3	14241.6	150.0	-67.2	99.9	251.9	8.2	7.8	2.5	354.3	999.9	99.9	999.9	17.5	463.0
14.2	120.3	15323.1	125.0	-73.8	99.9	292.5	5.5	5.0	-2.1	361.4	999.9	99.9	999.9	18.9	467.0
14.6	129.3	16610.5	100.0	-75.0	99.9	26.8	2.8	-1.3	-2.5	367.9	999.9	99.9	999.9	19.0	471.0
15.0	139.3	18293.7	75.0	-67.4	99.9	86.6	7.4	-7.0	-0.4	431.6	999.9	99.9	999.9	19.0	475.0
15.4	149.0	20788.2	50.0	-58.8	99.9	94.1	11.9	-11.9	-0.9	504.9	999.9	99.9	999.9	19.8	479.0
15.8	159.0	25260.9	25.0	-48.6	99.9	80.7	16.1	-16.1	-0.4	645.0	999.9	99.9	999.9	20.0	483.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 280  
STEPHENVILLE, TEXAS

8 JUNE 1979  
500 GMT

TIME MIN	CHTC	HEIGHT GPH	BRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MR BTO GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	10.5	399.0	962.6	26.0	25.2	180.0	0.0	0.0	8.2	303.2	360.2	21.5	91.0	0.0	0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	11.7	516.0	950.0	25.4	24.5	180.0	12.4	-6.5	10.6	301.0	358.4	20.9	94.9	0.5	12
1.2	14.1	751.4	925.0	23.6	23.5	180.0	16.7	-3.2	16.4	303.4	356.8	20.1	99.4	1.1	31
2.1	16.5	991.7	903.0	22.5	22.1	180.0	19.8	3.3	19.5	304.8	355.7	19.0	97.5	2.1	37
3.1	19.0	1237.9	875.0	21.9	20.9	180.0	17.9	4.5	17.4	306.5	355.6	18.1	94.3	3.3	3
4.2	21.5	1491.2	853.0	22.1	16.6	190.5	13.7	3.4	13.2	309.3	348.6	14.2	71.4	4.2	6
5.2	24.0	1751.0	825.0	21.9	10.9	190.8	11.7	2.2	11.5	311.7	340.1	10.0	49.7	5.0	7
6.4	26.5	2017.7	800.0	20.6	6.9	202.8	8.1	3.1	7.4	313.1	335.7	7.8	41.1	5.7	8
7.6	29.1	2291.1	775.0	18.4	5.7	187.3	5.6	0.7	5.5	313.6	335.2	7.5	41.5	6.2	3
8.8	31.8	2571.4	750.0	16.1	7.0	164.7	5.2	-1.4	5.0	314.0	338.3	8.4	54.9	6.5	8
9.7	34.4	2854.0	725.0	14.0	5.5	180.4	4.0	0.0	4.0	314.8	337.7	7.9	55.6	6.9	7
11.0	37.1	3154.4	700.0	12.4	-1.7	216.5	3.8	2.3	3.1	316.2	330.8	4.9	37.6	7.0	7
12.1	39.9	3458.1	675.0	10.3	-5.1	245.7	3.7	3.4	1.5	317.2	329.0	3.9	33.4	7.2	9
13.2	42.6	3770.8	650.0	8.1	-9.6	269.5	3.5	3.5	0.0	318.2	327.0	2.8	27.3	7.3	11
14.3	45.6	4093.4	625.0	6.0	-9.9	249.3	4.0	3.7	1.5	319.3	328.3	2.9	31.1	7.3	12
15.4	48.5	4426.1	600.0	3.7	-15.7	249.9	7.6	6.9	3.1	320.4	326.0	1.9	22.8	7.6	14
16.6	51.5	4771.3	575.0	3.5	-30.0	251.0	11.3	10.7	3.7	324.1	326.0	0.5	6.4	8.0	16
17.9	54.5	5120.0	550.0	1.5	-31.1	241.7	12.5	11.0	5.9	325.9	327.7	0.5	6.6	8.7	23
19.3	57.6	5502.5	525.0	-1.2	-32.7	231.3	13.9	10.8	8.7	327.0	328.6	0.5	6.9	9.6	27
20.6	60.9	5888.8	500.0	-4.4	-32.8	220.5	13.2	9.6	9.1	327.7	329.4	0.5	8.7	10.6	29
22.0	64.1	6290.0	475.0	-7.8	-33.7	30.6	12.3	10.2	6.8	328.3	330.0	0.5	10.4	11.6	31
23.5	67.4	6704.0	450.0	-10.9	-35.6	236.9	14.6	12.2	6.0	329.5	331.0	0.4	10.9	12.6	33
25.1	71.0	7104.0	425.0	-14.5	-36.3	227.3	16.8	12.3	11.4	330.3	331.8	0.4	13.7	14.1	35
26.9	74.6	7522.4	400.0	-16.8	-36.8	221.9	18.8	12.5	14.0	333.2	339.9	2.0	77.4	15.9	36
28.7	78.3	8035.3	375.0	-19.2	-38.2	220.4	21.7	14.1	16.4	336.2	339.8	1.0	45.1	16.2	37
30.7	82.1	8595.1	350.0	-22.7	-34.4	210.3	23.7	12.0	20.5	338.1	340.3	0.6	31.3	20.8	37
32.6	86.2	9135.7	325.0	-26.1	-34.8	201.5	24.6	9.0	22.9	340.8	343.0	0.6	43.4	23.6	35
34.7	90.3	9709.8	300.0	-30.3	-40.0	201.8	23.7	8.6	21.6	342.7	344.2	0.4	37.6	26.5	34
36.9	94.6	10371.9	275.0	-35.0	-46.4	200.0	23.5	8.0	22.1	344.6	345.4	0.2	29.8	29.5	32
39.4	99.6	10978.6	250.0	-40.9	-49.9	202.1	25.3	9.5	23.5	345.3	349.9	99.9	99.9	33.0	31
42.0	104.6	11607.4	225.0	-46.7	-49.9	202.2	24.3	11.9	21.3	347.0	349.9	99.9	99.9	36.8	31
44.7	109.8	12356.6	200.0	-52.6	-49.9	211.9	28.3	15.8	23.5	349.5	349.9	99.9	99.9	41.0	31
47.9	115.8	13103.5	175.0	-58.2	-49.9	209.8	24.1	12.0	20.9	353.9	349.9	99.9	99.9	46.6	31
51.1	122.0	14287.2	150.0	-64.6	-49.9	190.8	16.5	3.1	16.2	358.7	349.9	99.9	99.9	50.1	31
54.9	129.0	15362.5	125.0	-70.6	-49.9	209.8	16.8	8.4	14.6	367.2	349.9	99.9	99.9	53.6	29
58.8	137.0	16711.5	100.0	-74.7	-49.9	184.7	9.9	9.9	9.9	381.4	349.9	99.9	99.9	56.6	27
64.4	146.3	18370.1	75.0	-86.2	-49.9	124.6	7.3	-6.0	4.1	434.1	349.9	99.9	99.9	57.9	27
72.1	156.7	20871.3	50.0	-97.1	-49.9	104.5	9.8	-9.5	2.5	504.3	349.9	99.9	99.9	57.3	24
84.8	167.0	25347.7	25.0	-94.8	-49.9	99.9	99.9	99.9	99.9	644.5	349.9	99.9	99.9	54.0	16

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 349  
LITTLE ROCK, ARKANSAS  
7 JUNE 1979  
2005 GMT

TIME MIN	CNCT	WEIGHT GPM	PREC MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	7.5	172.0	984.4	28.3	24.8	180.0	2.6	0.0	2.6	302.4	355.3	20.0	80.0	0.0	3.0
0.5	99.9	99.9	1000.0	99.9	94.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	8.0	302.4	973.0	26.5	21.1	180.5	7.6	1.4	7.5	301.8	345.6	16.5	72.6	0.2	42.0
1.3	11.1	532.0	950.0	24.8	20.7	200.6	9.7	3.0	8.1	302.3	346.0	16.4	78.0	0.6	13.0
2.2	12.5	766.0	925.0	22.5	19.9	207.9	9.7	4.5	8.5	302.3	345.1	16.1	85.6	1.1	19.0
3.1	15.9	1056.9	900.0	21.3	19.2	203.9	11.5	4.6	10.5	303.5	345.7	15.8	87.7	1.6	21.0
4.0	18.3	1299.2	875.0	19.4	17.7	209.7	12.5	4.2	10.9	304.0	343.7	14.8	84.8	2.3	22.0
5.0	20.4	1499.1	850.0	18.3	16.8	218.0	14.7	9.1	11.6	305.3	339.6	12.6	80.1	3.1	26.0
6.1	23.3	1755.1	825.0	17.1	13.0	220.6	13.3	8.6	10.1	306.6	338.3	11.5	76.7	4.0	29.0
7.2	25.8	2017.9	800.0	15.4	11.9	222.4	12.9	6.7	9.5	307.5	338.1	11.0	79.7	4.9	31.0
8.2	28.4	2280.9	775.0	13.3	10.2	234.5	13.3	10.9	7.7	308.1	336.5	10.2	81.5	5.6	33.0
9.1	31.0	2562.8	750.0	11.8	8.4	233.5	12.9	10.3	7.7	309.4	335.4	9.3	79.6	6.3	36.0
10.2	33.7	2840.6	725.0	10.1	5.6	237.5	13.1	11.1	7.4	310.5	333.2	7.9	73.7	7.0	38.0
11.2	36.3	3133.4	700.0	8.9	2.5	241.0	14.7	12.8	7.1	312.3	331.6	6.6	64.3	7.9	40.0
12.3	39.1	3433.0	675.0	7.0	-1.5	242.9	16.5	14.7	7.5	313.5	328.6	5.1	54.4	8.8	43.0
13.4	41.7	3749.6	650.0	4.9	-3.3	242.4	16.6	14.7	7.7	314.5	328.3	4.6	55.2	9.8	45.0
14.5	44.4	4067.5	625.0	2.1	-5.2	243.0	15.6	13.9	7.1	316.9	327.4	4.2	59.3	10.9	47.0
15.6	47.6	4396.0	600.0	-0.3	-6.4	245.5	15.6	14.2	6.5	315.6	327.7	4.0	63.3	11.9	48.0
16.8	50.6	4733.4	575.0	-2.8	-11.5	248.0	14.9	13.8	5.6	316.7	325.4	2.8	51.9	12.9	50.0
18.1	53.6	5072.2	550.0	-3.4	-37.8	254.3	13.9	13.4	3.8	320.1	323.0	0.9	16.6	14.0	51.0
19.8	56.4	5453.7	525.0	-5.2	-53.2	256.8	15.8	15.4	3.6	322.1	322.3	0.0	1.0	15.3	54.0
21.5	60.0	5935.1	500.0	-6.9	-54.3	254.2	17.1	16.5	4.7	324.7	324.8	0.0	1.0	16.8	56.0
23.1	63.1	6233.2	475.0	-8.3	-55.8	254.2	17.8	17.1	4.8	326.4	326.6	0.0	1.0	18.4	57.0
24.6	66.6	6649.3	450.0	-11.9	-57.4	256.2	19.8	19.2	4.7	328.3	328.5	0.0	1.0	20.1	59.0
25.9	70.0	7084.1	425.0	-14.6	-59.2	261.7	21.2	20.7	3.1	330.2	328.4	0.0	1.0	21.6	60.0
27.3	73.6	7541.0	400.0	-17.2	-60.8	264.4	24.5	24.4	2.4	332.7	332.8	0.0	1.0	23.3	62.0
28.8	77.3	8021.6	375.0	-20.5	-63.2	259.8	30.1	29.6	5.3	334.0	334.1	0.0	1.0	25.6	64.0
30.0	81.2	8530.1	350.0	-21.7	-63.7	257.4	34.4	33.6	7.5	339.5	339.6	0.0	1.0	28.0	65.0
31.8	85.0	9071.5	325.0	-25.6	-66.3	262.3	33.5	33.2	6.5	341.5	341.5	0.0	1.0	31.5	67.0
34.3	89.2	9686.7	300.0	-30.4	-69.4	267.5	34.1	34.1	1.5	342.6	342.6	0.0	1.0	36.2	69.0
36.8	93.5	10259.1	275.0	-35.7	-73.0	268.4	35.9	35.9	1.0	343.5	343.5	0.0	1.0	41.1	72.0
39.0	98.2	10914.6	250.0	-40.8	-94.9	265.8	37.6	37.5	2.7	345.4	345.4	99.9	99.9	45.9	73.0
41.4	103.0	11623.3	225.0	-46.7	99.9	262.9	37.6	37.4	4.6	347.0	347.0	99.9	99.9	51.1	74.0
44.1	108.2	12394.6	200.0	-52.8	99.9	261.2	36.3	36.3	1.1	349.2	349.2	99.9	99.9	56.9	76.0
46.5	113.8	13241.8	175.0	-59.2	94.9	267.8	33.0	32.9	1.2	352.3	349.9	99.9	99.9	62.0	77.0
49.0	119.6	14194.4	150.0	-65.8	99.9	274.4	28.1	28.0	-2.2	356.7	349.9	99.9	99.9	66.4	78.0
52.3	126.5	15295.0	125.0	-71.5	99.9	272.6	22.4	22.4	-1.0	365.6	349.9	99.9	99.9	71.5	79.0
56.1	134.0	16531.9	100.0	-74.1	99.9	264.8	8.9	8.8	0.8	384.7	349.9	99.9	99.9	74.8	79.0
61.0	142.5	18311.5	75.0	-66.6	99.9	171.8	3.9	-0.6	3.8	433.3	349.9	99.9	99.9	76.1	79.0
67.8	152.0	20813.1	50.0	-57.9	94.9	116.4	7.0	-6.3	3.1	507.2	349.9	99.9	99.9	74.1	78.0
79.0	162.0	25308.9	25.0	-46.4	94.9	94.9	10.5	-10.5	0.9	451.3	349.9	99.9	99.9	68.3	76.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

317 10W NO. 340  
-171E REC AMR-NSAS  
7 JUNE 1970  
2305 0.7

TIME MIN	CUTCT	WEIGHT GPM	PRES MB	TEMP DU C	CEW PT DU C	CT	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTG GM/KG	RM PCT	RANGE KM	AZ DG
0.0	6.8	172.0	1000.0	28.9	23.3	1.0.0	6.2	1.1	0.1	303.0	352.5	18.8	72.0	0.0	0.
9.7	9.9	99.9	1000.0	99.9	95.9	95.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
0.4	9.1	249.1	975.0	26.9	22.3	16.7	9.8	1.1	9.7	302.3	349.3	17.7	75.1	0.3	0.
1.1	10.5	529.2	950.0	24.9	21.3	182.1	10.2	1.5	10.1	302.3	349.3	17.6	82.8	0.7	7.
1.6	12.8	763.7	925.0	22.9	21.4	167.1	10.2	2.2	9.9	302.3	349.3	16.7	92.5	1.1	8.
2.7	15.1	1032.8	900.0	20.9	20.1	147.9	10.4	2.7	10.1	303.0	349.3	16.7	92.5	1.7	10.
3.7	17.6	1247.0	875.0	18.9	18.1	20.1	10.1	3.6	9.4	303.3	349.3	15.4	97.1	2.2	12.
4.7	20.0	1470.3	850.0	17.3	16.0	21.1	10.0	5.5	9.1	304.3	349.3	14.1	97.1	2.8	14.
5.7	22.6	1750.0	825.0	16.2	14.7	21.1	11.4	7.0	9.6	305.7	349.3	12.6	88.6	3.5	19.
7.7	25.3	2314.0	800.0	15.0	12.2	21.2	11.6	7.9	9.4	307.2	349.3	11.4	83.8	4.4	23.
9.7	27.6	2713.2	775.0	13.7	9.7	24.5	12.7	10.3	7.7	308.5	335.3	9.6	74.9	5.1	27.
11.7	30.2	2559.4	750.0	12.2	5.0	24.4	13.3	11.0	5.8	309.9	332.0	7.8	65.1	5.9	31.
13.7	32.3	2843.5	725.0	10.9	2.4	25.0	13.2	13.0	2.6	311.5	328.8	6.3	55.7	6.4	35.
15.7	34.4	3135.5	700.0	8.8	0.4	25.7	12.1	13.0	0.3	312.5	328.8	5.7	55.5	6.8	40.
17.7	36.2	3435.4	675.0	6.1	-2.5	26.7	13.0	12.9	1.4	312.7	326.8	4.7	52.3	7.4	45.
19.7	38.6	3749.1	650.0	4.1	-4.0	26.2	14.8	14.7	1.9	313.7	326.8	4.1	52.2	8.2	49.
21.7	40.9	4061.8	625.0	2.1	-10.0	26.1	14.9	14.7	2.2	315.1	317.1	0.6	48.5	9.0	52.
23.7	43.4	4373.2	600.0	0.5	-14.6	25.2	14.4	13.7	4.5	316.8	317.3	0.1	2.1	9.9	55.
25.7	45.6	4683.4	575.0	-1.4	-19.1	24.7	14.6	13.5	5.5	318.3	320.4	0.4	10.0	10.7	58.
27.7	47.8	4993.2	550.0	-3.0	-23.8	25.9	15.2	14.4	9.7	320.5	320.5	0.1	1.0	11.6	57.
29.7	49.6	5303.2	525.0	-5.7	-28.5	25.6	14.2	13.8	3.4	321.5	321.7	0.0	1.0	12.5	54.
31.7	51.8	5613.4	500.0	-7.2	-33.0	26.2	14.1	14.2	1.9	324.2	324.4	0.0	1.0	13.4	50.
33.7	53.8	5923.4	475.0	-9.4	-37.6	26.7	14.1	16.1	0.6	326.4	326.5	0.0	1.0	14.5	62.
35.7	55.8	6233.4	450.0	-12.1	-42.2	26.5	15.7	15.7	1.1	328.1	328.2	0.0	1.0	15.7	64.
37.7	57.8	6543.3	425.0	-14.9	-46.8	26.3	16.8	16.7	1.3	331.1	331.2	0.0	1.0	17.2	65.
39.7	59.8	6853.3	400.0	-17.1	-50.8	26.6	16.8	16.7	1.4	332.8	332.9	0.0	1.0	19.2	69.
41.7	61.8	7163.3	375.0	-18.6	-54.7	26.9	16.9	16.7	1.4	337.1	337.1	0.0	1.0	21.7	70.
43.7	63.8	7473.3	350.0	-20.3	-58.1	26.6	16.9	16.7	1.9	338.7	338.8	0.0	1.0	23.7	71.
45.7	65.8	7783.3	325.0	-22.3	-61.1	26.6	16.9	16.7	1.3	339.3	339.3	0.0	1.0	25.7	74.
47.7	67.8	8093.3	300.0	-24.3	-64.1	26.6	16.9	16.7	1.5	341.2	341.3	0.0	1.0	31.7	75.
49.7	69.8	8403.3	275.0	-26.3	-67.1	26.6	16.9	16.7	1.5	342.7	342.8	0.0	2.2	35.3	76.
51.7	71.8	8713.3	250.0	-28.3	-70.1	26.4	16.8	16.7	3.0	342.7	342.8	0.0	999.9	39.4	77.
53.7	73.8	9023.3	225.0	-30.3	-73.1	26.4	16.8	16.7	0.5	344.6	344.6	99.9	999.9	43.8	78.
55.7	75.8	9333.3	200.0	-32.3	-76.1	26.4	16.8	16.7	0.5	345.8	345.8	99.9	999.9	48.4	81.
57.7	77.8	9643.3	175.0	-34.3	-79.1	26.4	16.8	16.7	-1.8	348.6	348.6	99.9	999.9	53.1	81.
59.7	79.8	9953.3	150.0	-36.3	-82.1	26.4	16.8	16.7	-3.1	350.6	350.6	99.9	999.9	57.6	83.
61.7	81.8	10263.3	125.0	-38.3	-85.1	26.4	16.8	16.7	-0.3	352.1	352.1	99.9	999.9	61.9	83.
63.7	83.8	10573.3	100.0	-40.3	-88.1	26.4	16.8	16.7	0.3	353.0	353.0	99.9	999.9	65.9	84.
65.7	85.8	10883.3	75.0	-42.3	-91.1	26.4	16.8	16.7	-1.2	355.8	355.8	99.9	999.9	69.9	84.
67.7	87.8	11193.3	50.0	-44.3	-94.1	26.4	16.8	16.7	2.6	358.0	358.0	99.9	999.9	73.9	84.
69.7	89.8	11503.3	25.0	-46.3	-97.1	26.4	16.8	16.7	-1.2	360.1	360.1	99.9	999.9	77.9	84.
71.7	91.8	11813.3	0.0	-48.3	-100.1	26.4	16.8	16.7	-11.4	362.1	362.1	99.9	999.9	81.9	82.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
0 BY 10M MEANS ELEVATION ANGLE TIME MAXIMUM UNLIMITED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 4 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 3-0  
 LITTLE ROCK, ARKANSAS

 6 JUNE 1979  
 285 GMT

184 13. 0

TIME MIN	CHTC	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PBT T DEG R	E POT T DEG R	WX RTO CM/SEC	RM PCT	R'AGE KM	AZ DEG
0.0	7.9	172.0	989.9	25.9	23.0	180.0	9.1	0.0	4.1	299.9	347.7	18.2	84.0	0.0	0.0
99.9	99.9	99.9	1030.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.7	9.4	305.9	975.0	26.6	22.0	185.1	10.9	1.0	18.9	300.0	345.6	17.4	85.2	8.3	2.0
1.6	11.7	534.7	950.0	26.2	21.7	191.4	15.1	2.0	13.0	301.7	348.1	17.5	85.1	0.9	3.0
2.5	14.1	789.6	925.0	22.3	20.9	200.3	15.2	5.3	13.3	302.1	347.5	17.1	91.7	1.0	11.0
3.4	16.0	1007.6	900.0	20.5	19.6	207.8	15.8	7.0	13.3	302.6	346.0	16.2	94.8	2.4	15.0
4.0	17.1	1251.0	875.0	18.7	18.0	214.1	15.0	8.9	12.1	303.3	343.6	15.0	95.3	3.4	19.0
5.0	18.5	1500.5	850.0	17.3	16.6	219.1	15.9	9.4	11.6	304.3	342.5	14.2	95.6	4.3	23.0
6.0	24.1	1758.0	825.0	16.7	13.8	222.4	12.4	8.3	9.2	306.2	339.5	12.1	83.1	5.1	26.0
7.6	26.6	2318.6	800.0	15.4	11.4	231.2	11.0	6.6	6.9	307.6	337.3	10.7	77.3	5.9	29.0
8.0	29.2	2827.8	775.0	14.2	7.0	240.9	9.8	6.6	4.9	309.1	332.2	8.2	61.8	6.5	32.0
9.9	31.4	2564.6	750.0	13.0	4.7	253.2	8.6	8.2	2.5	310.7	331.3	7.2	56.8	7.1	35.0
11.1	34.6	2849.1	725.0	10.9	2.3	242.4	7.9	7.8	1.0	311.4	329.5	6.2	55.1	7.5	38.0
12.3	37.2	3140.9	700.0	8.5	0.1	242.0	8.0	6.5	1.2	311.9	328.0	5.5	55.3	7.9	41.0
13.6	40.9	3400.3	675.0	5.8	-1.4	241.8	9.5	9.4	1.3	312.2	327.3	5.1	59.7	8.4	44.0
14.9	42.9	3748.4	650.0	3.4	-3.6	251.7	9.8	9.3	3.1	312.8	324.3	3.8	51.1	9.1	47.0
16.3	45.8	4066.0	625.0	2.2	-13.0	236.9	9.0	7.5	4.9	314.9	320.9	1.9	26.7	9.8	49.0
17.5	48.6	4394.8	600.0	0.5	-11.0	240.5	8.3	7.2	4.1	316.7	325.6	2.9	43.3	10.4	49.0
18.9	51.4	4735.3	575.0	-0.4	-50.2	262.1	7.7	7.6	1.1	319.6	319.8	0.1	1.0	11.0	50.0
20.3	54.8	5086.2	550.0	-2.8	-51.7	269.4	7.6	7.6	0.1	320.8	321.0	0.1	1.0	11.5	51.0
21.3	57.9	5455.7	525.0	-5.0	-53.1	266.5	7.4	7.4	0.5	323.4	322.6	0.1	1.0	11.9	53.0
22.7	61.1	5836.6	500.0	-8.2	-55.1	262.9	7.4	7.3	0.9	325.1	323.2	0.0	1.0	12.4	55.0
24.2	64.4	6232.0	475.0	-10.6	-56.7	255.5	11.4	11.0	2.9	328.8	324.9	0.0	1.0	13.1	56.0
26.0	67.8	6647.8	450.0	-11.0	-56.9	257.1	19.0	18.5	4.2	329.4	329.5	0.0	1.0	14.6	59.0
27.4	71.3	7085.2	425.0	-12.5	-57.9	261.8	23.7	23.4	6.0	332.9	333.0	0.0	1.0	17.0	61.0
29.3	74.9	7566.7	400.0	-14.5	-59.1	268.1	26.1	26.1	0.8	336.1	336.3	0.0	1.0	19.0	64.0
31.3	78.1	8032.5	375.0	-18.2	-61.5	275.6	24.7	24.6	-2.4	337.5	337.6	0.0	1.0	21.9	67.0
33.1	82.1	8562.6	350.0	-23.3	-64.8	274.2	23.4	25.4	-1.9	337.4	337.5	0.0	1.0	24.3	71.0
35.0	86.4	9083.3	325.0	-27.4	-67.5	267.4	23.0	25.0	1.1	338.9	338.9	0.0	1.0	27.2	73.0
37.2	90.6	9650.5	300.0	-32.5	-70.8	265.5	23.7	23.6	1.9	339.5	339.6	0.0	1.0	30.3	74.0
39.4	95.0	10256.2	275.0	-38.3	-74.7	265.9	23.8	25.7	1.8	339.7	339.8	0.0	1.0	33.3	75.0
41.7	99.4	10907.2	250.0	-42.1	-99.9	270.8	28.7	28.7	-0.4	343.6	339.9	99.9	999.9	37.1	76.0
44.1	104.6	11611.9	225.0	-47.6	99.9	275.8	26.2	26.1	-2.6	345.5	339.9	99.9	999.9	41.2	78.0
46.7	110.0	12350.7	200.0	-53.0	99.9	282.0	23.3	23.8	-3.0	348.8	339.9	99.9	999.9	44.0	80.0
49.7	116.3	13288.2	175.0	-59.8	99.9	275.3	22.7	22.6	-2.1	351.2	339.9	99.9	999.9	46.4	81.0
52.9	122.3	14174.6	150.0	-67.8	99.9	281.1	21.6	21.2	-4.2	353.3	339.9	99.9	999.9	52.8	83.0
56.3	124.3	15253.4	125.0	-74.0	99.9	275.8	18.7	18.6	-1.9	361.0	339.9	99.9	999.9	56.8	84.0
60.3	137.0	16564.3	100.0	-75.4	99.9	289.5	4.4	6.1	-1.1	381.7	339.9	99.9	999.9	59.7	85.0
65.6	146.0	18250.1	75.0	-87.5	99.9	225.1	5.2	3.7	3.6	431.5	339.9	99.9	999.9	59.9	85.0
73.0	153.7	20743.0	50.0	-80.1	99.9	106.2	6.5	-4.2	1.8	502.0	339.9	99.9	999.9	50.2	87.0
85.5	165.7	25182.6	25.0	-51.3	99.9	999.9	99.9	99.9	99.9	637.4	339.9	99.9	999.9	50.1	82.0

0.0 -0.0 MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
 0.1 TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 28 AOA, OKLAHOMA													
7 JUNE 1979													
1600 GMT													
TIME	CNTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT T	E POT T	MX RTO	RH
MIN		GM	MB	DEG C	DEG C	DEG	M/SEC	M/SEC	M/SEC	DEG K	DEG K	GM/KG	PCT
0.0	9.6	312.0	968.3	29.0	22.0	130.0	10.2	-3.5	9.4	305.0	352.0	17.5	86.8
0.0	9.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	9.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	11.2	481.0	950.0	28.7	18.6	190.3	15.4	2.9	10.2	302.3	340.8	14.4	69.0
1.0	13.5	714.6	925.0	22.1	17.4	193.1	17.4	3.9	16.9	301.9	338.6	13.7	74.7
2.7	18.0	952.5	902.0	19.9	18.1	201.4	17.9	6.5	16.4	302.0	341.4	14.8	84.6
3.7	18.4	1196.0	875.0	19.2	15.2	216.8	18.0	10.6	14.4	303.8	337.7	12.5	77.3
4.6	20.8	1450.3	850.0	21.3	9.6	229.1	19.1	14.4	12.5	308.5	332.2	6.8	47.2
5.5	23.2	1704.6	825.0	20.1	7.0	226.6	19.2	15.1	13.4	309.9	331.8	7.7	42.6
6.3	25.7	1904.2	800.0	18.3	5.3	226.4	19.6	14.2	13.5	310.6	330.8	7.0	42.5
7.2	28.2	2190.2	775.0	15.9	3.9	226.4	17.8	12.9	12.2	310.8	329.7	6.6	45.1
8.3	30.4	2517.4	750.0	13.2	2.2	221.7	16.5	11.4	11.9	310.9	328.3	6.0	47.1
9.5	33.4	2801.6	725.0	10.4	1.0	220.1	13.4	8.7	10.4	311.4	328.0	5.7	50.2
10.8	36.1	3303.5	700.0	8.9	2.1	228.7	10.4	7.3	7.4	312.3	332.8	6.4	62.3
12.0	38.9	3303.6	675.0	6.4	0.3	238.3	7.5	6.4	6.0	312.8	329.8	5.8	65.1
13.2	41.6	3702.6	650.0	4.6	-8.6	248.3	6.5	6.0	2.4	314.2	323.6	3.1	37.6
14.4	44.2	4200.7	625.0	2.1	-10.6	262.1	7.3	7.2	1.0	314.8	323.3	2.7	38.5
15.5	47.0	4341.8	600.0	-0.2	-14.4	259.5	8.0	7.9	1.6	315.9	322.5	2.1	33.1
16.8	50.0	4684.7	575.0	-1.1	-31.6	249.1	7.4	6.9	2.7	318.7	320.3	0.5	7.6
18.3	53.0	5081.7	550.0	-3.5	-27.2	255.3	7.1	6.6	1.8	319.9	322.5	0.7	13.9
19.2	56.3	5407.1	525.0	-6.3	-29.2	247.0	6.9	6.9	0.4	320.9	323.1	0.4	14.1
20.6	59.1	5787.3	500.0	-8.0	-29.1	261.8	6.7	8.4	1.0	323.3	325.7	0.7	16.4
21.9	62.4	6183.9	475.0	-10.8	-27.5	250.4	7.6	7.2	2.6	324.7	327.5	0.8	23.6
23.4	65.7	6597.5	450.0	-13.4	-30.4	252.0	7.4	7.0	2.3	326.4	328.7	0.7	22.4
25.0	69.0	7010.1	425.0	-16.2	-34.9	236.8	8.1	6.8	4.5	328.2	329.9	0.5	17.9
26.4	72.7	7484.2	400.0	-19.6	-42.1	234.2	11.5	9.4	5.9	330.3	331.1	0.2	10.9
28.2	76.3	7981.4	375.0	-22.3	-45.3	247.1	17.6	16.2	6.8	332.1	332.8	0.2	10.2
30.0	80.1	8485.7	350.0	-24.1	-47.0	249.4	23.7	24.0	9.0	336.2	336.8	0.2	10.0
31.6	84.2	9004.6	325.0	-26.1	-48.0	251.3	32.1	30.4	10.3	340.7	341.3	0.1	9.6
33.3	88.2	9574.1	300.0	-30.4	-52.3	259.0	35.4	34.8	8.8	342.6	343.0	0.1	9.6
35.3	92.7	10191.0	275.0	-35.8	-55.6	260.2	41.3	40.7	7.0	343.3	343.6	0.1	11.8
37.0	97.3	10850.6	250.0	-41.5	-64.9	259.2	44.1	43.3	8.3	344.4	344.9	99.9	99.9
39.0	102.2	11553.3	225.0	-45.8	-69.9	253.8	48.4	44.5	12.9	348.3	349.9	99.9	99.9
41.1	107.4	12376.6	200.0	-52.3	-74.9	248.1	43.5	40.6	10.2	350.0	349.9	99.9	99.9
43.6	113.7	13177.3	175.0	-59.2	-89.9	249.1	48.2	43.1	18.5	352.3	349.9	99.9	99.9
46.2	119.7	14127.4	150.0	-65.6	-99.9	253.5	39.4	37.8	11.2	357.2	349.9	99.9	99.9
48.9	126.7	15225.9	125.0	-62.4	-94.9	251.2	28.3	24.9	8.5	369.3	349.9	99.9	99.9
52.3	134.3	16554.2	100.0	-70.0	-94.9	99.9	9.9	99.9	99.9	392.5	349.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 28  
PT-SILL, OKLAHOMA7 JUNE 1979  
2020 GRT

TIME MIN	CHTCY	HEIGHT CM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V LUMP M/SEC	POT T DEG K	E POT T DEG K	HR WTD GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	10.0	918.0	960.7	33.8	18.4	190.0	5.1	0.9	5.0	310.2	309.2	14.1	41.0	0.0	0.
00.0	99.0	99.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00.0	99.0	99.0	975.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.4	11.0	514.2	950.0	31.6	21.0	192.0	11.2	3.0	12.0	309.3	308.3	17.7	56.4	0.3	10.
1.2	13.4	758.5	925.0	28.9	20.3	191.0	14.1	2.7	13.0	308.4	307.4	16.5	59.6	0.9	11.
1.9	15.8	1021.5	900.0	27.1	19.6	193.3	14.4	3.3	14.0	309.4	308.4	16.2	63.6	1.5	12.
2.6	18.3	1251.5	875.0	24.8	18.0	193.0	13.8	4.9	12.0	309.4	308.4	15.8	69.3	2.2	14.
3.5	20.8	1505.9	850.0	22.8	18.3	205.4	15.2	6.5	13.7	310.0	309.0	15.0	75.6	2.9	16.
4.2	23.3	1765.9	825.0	21.7	10.9	209.5	16.2	8.0	14.1	311.5	310.0	10.1	50.5	3.5	18.
4.9	25.8	2033.3	800.0	21.0	6.1	220.9	15.1	9.9	11.4	315.4	314.0	7.4	36.2	4.2	21.
5.4	26.4	2308.1	775.0	20.2	4.2	228.7	14.2	10.7	9.4	315.5	314.5	6.7	35.0	4.8	24.
6.7	31.0	2509.8	750.0	18.2	1.9	227.6	12.4	9.1	8.4	316.3	315.3	5.9	31.5	5.3	29.
7.8	33.7	2878.9	725.0	15.6	0.2	227.0	12.5	9.1	8.3	316.6	315.6	5.4	30.8	6.3	33.
8.8	36.3	3175.3	700.0	13.0	-1.0	229.1	11.4	8.0	7.6	316.9	315.9	5.1	38.0	7.0	32.
9.9	39.1	3474.5	675.0	10.2	0.1	228.9	10.4	7.9	7.9	317.1	316.1	5.7	49.5	7.7	34.
11.0	41.9	3762.3	650.0	7.9	-4.1	235.4	8.6	7.1	6.9	317.9	316.9	4.4	42.5	8.3	35.
12.1	44.8	4114.4	625.0	5.0	-8.9	247.1	7.7	7.7	3.0	318.2	317.2	3.7	41.7	8.9	35.
13.2	47.6	4466.3	600.0	2.4	-9.9	260.5	8.0	7.9	1.3	319.0	318.0	3.0	39.4	9.2	39.
14.4	50.6	4760.5	575.0	-0.3	-15.5	267.8	8.0	8.0	0.3	319.6	318.6	2.0	30.8	9.6	41.
15.4	53.6	5142.6	550.0	-2.0	-22.7	246.0	7.1	6.5	2.6	321.8	320.8	1.1	18.6	10.0	43.
16.9	56.8	5511.3	525.0	-3.9	-27.0	226.9	7.1	5.2	4.8	323.8	322.8	0.8	14.5	10.5	43.
18.2	59.9	5896.2	500.0	-6.8	-26.8	229.9	7.0	5.4	4.5	325.0	324.0	0.8	18.1	11.1	44.
19.4	63.1	6293.2	475.0	-8.5	-25.9	231.4	7.5	5.9	4.7	327.5	326.5	1.0	22.9	11.7	44.
21.0	66.4	6710.7	450.0	-11.1	-32.1	229.5	8.6	6.6	5.6	329.3	328.3	0.6	15.6	12.3	44.
22.4	69.9	7137.0	425.0	-13.9	-33.7	241.4	9.3	8.2	4.5	331.2	330.2	0.5	16.8	13.2	45.
24.2	73.4	7608.4	400.0	-17.5	-35.2	237.6	16.3	13.8	0.8	332.3	331.3	0.5	19.5	14.1	46.
25.7	77.1	8085.4	375.0	-20.3	-38.2	236.0	26.6	22.0	14.9	335.7	334.7	0.4	18.2	16.1	47.
27.4	80.9	8596.5	350.0	-28.7	-41.1	240.7	30.7	26.8	15.0	340.9	339.9	0.3	14.0	19.2	49.
29.2	84.8	9139.7	325.0	-25.6	-43.4	247.6	34.0	31.5	12.9	341.4	340.4	0.2	16.0	22.6	51.
31.2	88.0	9716.4	300.0	-19.4	-46.9	247.7	35.0	33.2	13.6	342.1	341.1	0.2	18.7	26.6	54.
33.1	93.2	10325.9	275.0	-35.4	-50.2	243.2	38.0	33.9	17.2	345.0	344.0	0.1	20.0	30.7	56.
35.4	97.8	10936.4	250.0	-39.0	-53.2	244.2	38.1	34.3	16.6	348.1	347.1	0.1	20.3	36.1	57.
37.3	102.6	11697.4	225.0	-45.3	-59.9	239.9	42.5	36.8	21.3	349.1	348.1	0.0	99.9	40.4	57.
39.4	108.0	12472.4	200.0	-51.5	-69.9	259.9	99.9	99.9	99.9	351.3	350.3	99.9	99.9	45.7	58.
41.3	113.6	13327.4	175.0	-58.6	-99.9	99.9	99.9	99.9	99.9	353.3	352.3	99.9	99.9	99.9	99.9
99.9	99.9	99.9	150.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	125.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	100.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 0 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 20  
PT. SILL, OLLANDIA  
7 JUNE 1979  
2305 GMT

TIME MIN	CHTL	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MR RTO CM/SEC	RH PCT	RANGE KM	AZ DEG
0.0	9.9	418.0	981.0	34.8	21.5	99.9	99.9	99.9	99.9	311.2	358.5	17.1	47.8	999.9	999.9
09.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
09.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	10.9	522.7	950.0	33.1	22.3	99.9	99.9	99.9	99.9	310.8	360.7	18.1	51.2	999.9	999.9
1.1	13.3	763.6	925.0	30.8	21.0	99.9	99.9	99.9	99.9	310.8	358.3	17.2	58.1	999.9	999.9
1.6	15.7	1008.9	900.0	28.5	18.5	99.9	99.9	99.9	99.9	310.9	355.2	16.0	58.0	999.9	999.9
2.6	18.2	1259.2	875.0	26.1	16.5	99.9	99.9	99.9	99.9	310.9	353.8	15.5	62.9	999.9	999.9
3.4	20.6	1514.5	850.0	23.6	14.7	99.9	99.9	99.9	99.9	310.9	353.3	15.3	65.9	999.9	999.9
4.2	23.1	1775.3	825.0	21.3	13.7	99.9	99.9	99.9	99.9	311.2	352.1	14.7	75.1	999.9	999.9
5.0	25.1	2041.9	800.0	19.4	13.9	99.9	99.9	99.9	99.9	311.8	347.1	12.6	70.5	999.9	999.9
5.9	28.2	2315.2	775.0	18.4	8.1	99.9	99.9	99.9	99.9	313.6	339.1	8.9	51.3	999.9	999.9
6.8	31.9	2596.0	750.0	17.7	2.5	99.9	99.9	99.9	99.9	315.8	332.9	6.1	38.2	999.9	999.9
7.9	35.5	2885.1	725.0	15.7	2.0	99.9	99.9	99.9	99.9	316.7	330.8	6.1	39.7	999.9	999.9
9.1	38.2	3181.9	700.0	12.3	1.2	99.9	99.9	99.9	99.9	317.3	335.0	6.0	43.4	999.9	999.9
10.3	33.9	3467.0	675.0	11.6	-3.2	99.9	99.9	99.9	99.9	318.6	332.3	4.5	35.5	999.9	999.9
11.5	41.8	3801.0	650.0	8.0	-4.5	99.9	99.9	99.9	99.9	318.9	331.8	4.2	38.6	999.9	999.9
12.6	44.6	4124.2	625.0	5.9	-3.1	99.9	99.9	99.9	99.9	319.2	334.0	4.9	52.1	999.9	999.9
13.8	47.5	4458.8	600.0	2.7	-5.0	99.9	99.9	99.9	99.9	319.2	332.6	4.4	58.7	999.9	999.9
14.9	50.5	4799.4	575.0	-0.4	-13.9	99.9	99.9	99.9	99.9	319.5	327.3	2.5	38.3	999.9	999.9
16.1	53.5	5154.5	550.0	-1.4	-25.1	99.9	99.9	99.9	99.9	322.5	325.5	0.9	18.3	999.9	999.9
17.4	56.6	5523.0	525.0	-4.4	-23.0	99.9	99.9	99.9	99.9	323.2	327.0	1.1	21.7	999.9	999.9
18.7	59.9	5905.2	500.0	-6.5	-27.2	99.9	99.9	99.9	99.9	325.2	328.0	0.8	17.4	999.9	999.9
19.9	63.1	6304.8	475.0	-8.0	-32.3	99.9	99.9	99.9	99.9	328.0	329.9	0.5	12.0	999.9	999.9
21.3	66.4	6723.7	450.0	-10.0	-33.1	99.9	99.9	99.9	99.9	330.7	332.4	0.5	11.8	999.9	999.9
22.7	70.3	7161.3	425.0	-13.2	-37.3	99.9	99.9	99.9	99.9	332.0	333.4	0.4	11.0	999.9	999.9
24.3	73.5	7611.2	400.0	-15.2	-40.0	99.9	99.9	99.9	99.9	335.2	336.3	0.3	9.9	999.9	999.9
25.9	77.2	8107.0	375.0	-17.6	-41.8	99.9	99.9	99.9	99.9	338.3	339.3	0.3	10.0	999.9	999.9
27.4	81.0	8619.1	350.0	-21.7	-43.8	99.9	99.9	99.9	99.9	339.6	340.4	0.2	11.4	999.9	999.9
29.0	85.0	9154.5	325.0	-24.3	-45.8	99.9	99.9	99.9	99.9	340.4	341.2	0.2	13.9	999.9	999.9
30.9	89.2	9732.5	300.0	-31.4	-48.8	99.9	99.9	99.9	99.9	341.1	341.7	0.1	15.9	999.9	999.9
32.9	93.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
34.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
36.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
38.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
40.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
42.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
44.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
46.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
48.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
50.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
52.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 4 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY



STATION NO. 29 GAGE, OKLAHOMA															126 93. 0		
7 JUNE 1979																	
1405 GMT																	
TIME	CNTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT T	E POT T	MX RYD	RM	RANGE	AZ		
MIN		GM	MB	DEG C	DEG C	DEG	M/SEC	M/SEC	M/SEC	DEG K	DEG K	CM/SEC	PCT	KM	DEG		
0.0	14.1	478.0	922.5	23.3	17.3	250.0	3.0	2.8	1.0	303.4	340.1	13.6	69.0	0.0	0.		
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
0.7	16.5	603.2	900.0	21.1	14.6	213.9	8.0	4.5	5.6	303.2	335.0	11.7	60.4	0.3	11.		
1.5	19.0	1137.5	875.0	21.1	13.2	249.2	6.8	6.4	2.4	305.7	335.9	11.0	60.7	0.7	37.		
2.3	21.5	1384.9	850.0	20.4	12.9	247.1	4.0	4.0	0.2	307.8	338.5	11.1	61.1	0.6	47.		
3.2	24.0	1648.0	825.0	22.2	12.1	225.3	6.1	4.3	4.3	312.1	342.6	10.8	52.7	1.0	40.		
4.0	26.7	1910.9	800.0	23.7	7.8	214.9	8.2	4.7	6.8	316.4	340.7	8.3	36.0	1.4	46.		
6.8	29.3	2193.5	775.0	21.9	5.4	203.3	10.2	4.0	9.4	317.3	338.8	7.3	30.1	1.8	42.		
5.6	31.9	2477.1	750.0	20.3	3.7	198.3	12.0	4.0	12.1	318.6	337.5	6.7	33.6	2.3	37.		
6.4	34.6	2768.3	725.0	17.7	2.6	195.3	12.0	3.2	11.6	318.6	337.9	6.4	38.6	2.9	32.		
7.4	37.3	3067.1	700.0	15.0	2.0	156.7	8.5	2.4	8.1	319.1	338.0	6.3	41.9	3.5	29.		
8.5	40.1	3373.7	675.0	12.6	0.8	203.7	9.4	3.8	8.6	319.7	337.9	6.0	44.4	4.0	20.		
9.5	42.9	3689.1	650.0	9.7	-1.7	205.6	9.7	4.2	8.7	319.9	337.7	5.2	48.9	4.6	20.		
10.6	45.8	4013.1	625.0	6.4	-2.8	203.1	9.4	3.7	8.6	319.8	337.9	5.0	51.8	5.3	27.		
11.7	48.8	4346.3	600.0	3.1	-4.1	197.4	8.3	2.5	7.9	319.7	338.0	4.7	55.1	5.8	27.		
12.8	51.8	4689.7	575.0	0.1	-7.8	196.0	7.3	2.0	7.0	320.1	331.6	3.7	55.5	6.3	26.		
13.9	54.8	5044.0	550.0	-3.6	-11.1	208.7	7.4	3.6	6.6	319.9	329.2	3.0	55.8	6.8	25.		
15.1	57.9	5410.3	525.0	-5.3	-15.1	210.6	9.0	5.0	4.9	322.1	327.4	1.6	32.6	7.4	26.		
16.3	61.1	5791.5	500.0	-7.9	-23.1	217.9	10.1	6.2	3.0	323.4	327.4	1.2	28.1	8.1	28.		
17.6	64.3	6189.0	475.0	-9.9	-24.3	204.7	10.2	4.3	9.3	325.8	329.6	1.1	29.5	8.9	29.		
19.2	67.6	6604.0	450.0	-12.5	-29.4	203.4	9.5	3.8	8.7	327.5	330.1	0.7	22.8	9.8	27.		
20.8	71.1	7037.8	425.0	-16.0	-32.9	209.6	10.8	5.3	9.4	328.4	330.4	0.6	21.6	10.7	27.		
22.4	74.7	7491.3	400.0	-19.8	-36.2	216.2	12.9	7.6	10.4	329.3	330.8	0.4	21.6	11.9	28.		
24.0	78.3	7908.1	375.0	-23.4	-40.8	228.0	13.8	10.2	9.2	331.9	333.7	0.5	29.0	13.1	23.		
25.8	82.2	8470.7	350.0	-26.4	-45.0	230.2	14.2	10.9	9.1	333.1	334.3	0.3	23.1	14.5	31.		
27.4	86.2	9002.2	325.0	-30.0	-43.6	221.6	13.9	9.2	10.4	335.3	336.2	0.2	24.9	16.0	33.		
29.3	90.3	9566.4	300.0	-34.8	-47.8	213.2	13.2	8.3	12.7	336.3	336.9	0.2	24.9	17.5	33.		
31.3	94.8	10167.7	275.0	-39.8	99.9	213.7	19.2	10.7	16.0	337.4	999.9	99.9	99.9	19.4	33.		
33.3	99.4	10814.0	250.0	-42.8	99.9	214.9	32.7	18.7	26.8	342.4	999.9	99.9	99.9	22.4	33.		
35.6	104.3	11520.6	225.0	-48.0	99.9	213.3	42.0	23.1	35.1	348.0	999.9	99.9	99.9	27.8	33.		
38.0	109.8	12294.8	200.0	-51.2	99.9	211.6	51.3	26.9	43.7	351.7	999.9	99.9	99.9	34.3	33.		
40.3	115.3	13151.2	175.0	-57.1	99.9	212.7	68.1	35.7	55.6	355.7	999.9	99.9	99.9	42.8	33.		
43.3	121.5	14113.0	150.0	-62.9	99.9	213.9	85.4	30.9	46.0	361.8	999.9	99.9	99.9	54.4	33.		
46.6	128.7	15231.1	125.0	-68.9	99.9	214.2	32.3	18.2	26.7	377.4	999.9	99.9	99.9	62.8	37.		
50.2	136.7	16584.5	100.0	-68.3	99.9	999.9	99.9	99.9	99.9	399.7	999.9	99.9	99.9	99.9	99.9		
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY



STATION NO. 29  
CAGE, OLLAHOMA7 JUNE 1979  
1705 GMT

112 133. 0

TIME MIN	CWTCY	WFLGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MR ATO CM/SEC	RM PCT	RANGE KM	AZ DEG
0.0	13.6	678.0	923.7	29.8	15.1	330.0	3.0	1.5	-2.6	309.9	342.9	11.0	41.0	0.0	0.
99.9	99.9	1000.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	16.1	904.7	900.0	25.1	17.0	329.3	3.3	1.7	-2.9	307.3	344.0	13.7	60.0	0.2	132.
1.1	16.5	1155.2	875.0	21.8	14.9	314.1	2.6	1.9	-1.8	306.4	340.1	12.3	64.9	0.3	137.
1.7	21.0	1406.6	850.0	19.6	14.9	322.7	1.8	1.1	-1.4	306.7	341.4	12.7	74.3	0.4	132.
2.6	23.8	1643.3	825.0	17.9	11.9	246.7	1.1	2.0	0.8	307.5	337.5	10.8	69.0	0.4	143.
3.5	26.0	1929.3	800.0	23.6	1.5	200.4	7.7	2.7	7.2	316.3	332.2	5.3	23.3	0.3	119.
4.5	28.6	2203.4	775.0	22.0	0.1	195.8	10.8	2.9	10.4	317.4	332.5	5.8	23.4	0.7	52.
5.3	31.2	2488.6	750.0	17.9	-0.7	191.0	12.0	2.3	11.8	318.2	332.9	4.9	25.0	1.3	31.
6.0	33.9	2778.9	725.0	17.1	-2.3	186.8	12.8	1.5	12.7	318.3	331.8	4.5	26.3	2.3	21.
7.5	36.6	3076.7	700.0	16.4	-3.1	185.9	13.5	1.4	13.5	318.4	331.7	4.4	29.8	2.8	19.
8.6	39.3	3362.6	675.0	12.1	-3.9	183.8	13.1	0.9	13.0	319.2	332.1	4.2	32.5	3.7	15.
9.8	42.1	3697.1	650.0	9.4	-3.2	183.3	11.9	1.1	11.8	319.6	333.0	4.7	40.8	4.5	13.
11.0	45.0	4020.0	625.0	6.5	-5.7	191.1	13.1	2.5	12.9	319.9	332.2	4.0	41.4	5.4	12.
12.3	47.9	4354.1	600.0	3.4	-8.0	195.4	13.6	3.6	13.1	320.0	330.8	3.5	43.0	6.5	12.
13.6	50.9	4697.5	575.0	0.1	-9.9	194.4	13.0	3.2	12.5	320.1	329.9	3.1	46.9	7.5	13.
15.0	53.9	5051.8	550.0	-2.9	-13.5	199.0	12.2	4.0	11.5	320.6	328.4	2.4	43.7	8.5	13.
16.3	56.9	5418.6	525.0	-5.8	-17.0	202.3	10.4	3.9	9.4	321.5	327.7	1.9	40.6	9.4	16.
17.9	60.0	5800.3	500.0	-8.7	-25.9	205.8	11.7	5.1	10.5	324.9	326.1	0.9	19.9	10.4	15.
19.5	63.3	6199.2	475.0	-8.6	-30.9	204.1	11.2	4.6	10.2	327.3	329.4	0.6	14.4	11.4	16.
21.5	66.6	6615.8	450.0	-12.0	-32.2	203.2	9.7	3.8	8.9	328.1	330.1	0.4	16.7	12.7	17.
23.4	70.0	7059.8	425.0	-15.7	-35.4	206.2	12.2	5.4	10.9	328.9	330.4	0.4	16.4	13.9	17.
25.3	73.6	7503.8	400.0	-19.5	-38.3	205.7	13.4	5.8	12.0	329.7	330.9	0.3	17.0	15.4	18.
27.4	77.3	7979.5	375.0	-23.5	-41.7	208.1	13.6	6.4	12.6	330.5	331.4	0.3	16.8	17.1	19.
29.5	81.0	8481.5	350.0	-26.4	-46.6	196.3	14.2	4.0	13.6	333.1	333.8	0.2	12.8	18.4	19.
31.9	85.0	9012.5	325.0	-30.4	-49.5	195.0	16.1	4.2	15.5	334.8	335.6	0.2	21.1	21.0	19.
34.6	89.2	9576.4	300.0	-35.0	-47.3	199.7	21.1	7.1	19.9	336.0	336.6	0.1	21.4	23.1	19.
36.9	93.8	10100.2	275.0	-37.4	-52.4	210.0	36.9	18.4	31.9	341.0	341.4	0.1	19.0	27.5	20.
38.6	98.0	10834.9	250.0	-39.5	-56.3	212.3	62.1	33.2	52.5	347.4	347.7	0.1	14.5	35.5	22.
42.7	102.8	11546.0	225.0	-43.2	-69.9	212.2	66.7	37.1	58.8	349.3	349.9	99.9	999.9	47.8	25.
45.9	108.0	12324.1	200.0	-50.8	99.9	210.3	78.28	38.4	65.8	352.4	359.9	99.9	999.9	61.4	26.
49.4	113.5	13183.3	175.0	-56.7	99.9	209.0	84.88	41.1	74.2	356.3	359.9	99.9	999.9	79.2	27.
53.3	119.5	14144.7	150.0	-63.2	99.9	999.9	99.99	99.9	99.9	361.2	369.9	99.9	999.9	98.4	28.
59.9	99.9	99.9	125.0	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

A BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 29 GAGE, OKLAHOMA													
7 JUNE 1979													
2005 GMT													
TIME	CNTCT	WEIGHT	PMES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT T	E POT T	MX STO	RM
MIN		GPH	MM	DC C	DC C	DC	M/SEC	M/SEC	M/SEC	DC K	DC K	GM/KG	PCT
0.0	13.4	678.0	924.4	28.7	18.8	10.0	3.0	-0.5	-3.8	308.7	349.8	14.9	55.0
00.9	94.9	95.9	1000.0	94.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.9	94.9	93.7	975.0	94.9	99.9	99.9	94.9	99.9	99.9	99.9	99.9	99.9	99.9
02.9	99.9	99.9	950.0	94.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03.9	94.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04.9	15.9	919.1	900.0	25.4	18.9	357.4	5.7	0.3	-5.7	307.9	350.3	15.5	66.6
05.9	18.1	1162.8	875.0	23.2	17.5	36.8	4.5	-2.7	-1.6	307.9	347.9	14.6	73.1
06.9	20.7	1415.9	850.0	21.3	15.9	81.5	5.2	-5.2	-0.8	308.5	345.8	13.6	71.5
07.9	23.2	1674.2	825.0	19.1	15.0	105.0	7.3	-7.1	1.9	308.6	343.2	13.2	77.3
08.9	25.7	1438.3	800.0	18.5	11.4	140.0	9.5	-6.1	7.3	310.9	341.0	10.7	63.9
09.9	28.2	2213.4	775.0	21.3	3.6	184.1	10.6	0.8	10.6	316.7	335.7	6.4	31.2
10.9	30.8	2490.4	750.0	19.2	1.7	196.9	9.0	2.6	8.7	317.4	334.7	5.8	31.1
11.9	33.4	2786.4	725.0	16.9	0.5	194.2	9.3	2.3	9.0	318.1	334.5	5.5	32.9
12.9	36.1	3084.4	700.0	14.7	-0.6	196.7	11.7	3.4	11.2	318.8	334.5	5.2	34.9
13.9	38.8	3390.7	675.0	12.1	-2.1	199.5	13.6	4.4	12.9	319.2	334.6	4.8	36.5
14.9	41.6	3705.5	650.0	9.4	-3.7	196.4	14.9	4.2	14.3	319.7	333.3	4.5	37.3
15.9	44.3	4027.2	625.0	6.3	-5.4	193.5	16.2	3.8	15.7	319.7	332.3	4.1	42.8
16.9	47.2	4362.4	600.0	3.6	-7.5	199.5	14.5	4.8	13.7	320.3	331.6	3.6	43.8
17.9	50.1	4706.1	575.0	0.5	-8.5	209.1	13.2	6.2	11.7	320.6	331.5	3.5	51.1
18.9	53.1	5061.0	550.0	-2.7	-10.1	215.1	12.4	7.2	10.2	320.9	331.0	3.2	56.7
19.9	56.1	5424.3	525.0	-5.0	-14.5	209.0	11.5	5.4	10.1	322.3	330.0	2.4	47.1
20.9	59.3	5810.1	500.0	-7.7	-20.6	197.9	12.0	3.7	11.4	323.7	328.6	1.5	34.9
21.9	62.9	6227.5	475.0	-4.6	-25.5	154.1	12.1	2.9	11.7	326.1	329.5	1.0	25.8
22.9	65.9	6623.6	450.0	-11.7	-33.0	192.3	12.3	2.6	12.0	328.5	330.3	0.5	15.0
23.9	69.1	7058.4	425.0	-15.4	-34.8	192.2	13.4	2.8	13.1	329.2	330.9	0.5	17.3
24.9	72.7	7512.7	400.0	-19.3	-32.5	190.7	15.5	2.9	15.3	329.9	332.1	0.6	29.8
25.9	76.3	7989.2	375.0	-23.1	-37.9	188.6	15.9	2.4	15.7	331.0	332.4	0.6	26.2
26.9	80.1	8492.1	350.0	-25.9	-39.8	185.4	20.4	1.9	26.3	333.8	335.1	0.3	25.3
27.9	84.1	9024.5	325.0	-29.8	-44.9	185.1	26.4	2.3	26.3	335.6	336.4	0.2	21.3
28.9	88.2	9592.1	300.0	-32.4	-48.6	193.2	42.6	9.7	41.6	339.5	340.1	0.1	18.1
29.9	92.6	10203.3	275.0	-35.0	-51.7	202.1	54.2	20.4	50.2	344.5	345.0	0.1	16.3
30.9	97.2	10860.5	250.0	-40.6	-59.9	208.2	62.0	29.3	54.6	345.8	345.9	99.9	99.9
31.9	102.0	11579.4	225.0	-45.1	-69.9	205.0	72.0	30.4	65.3	349.4	349.9	99.9	99.9
32.9	107.2	12362.4	200.0	-49.9	-74.2	205.0	82.3	34.8	74.5	353.8	353.9	99.9	99.9
33.9	113.0	13207.6	175.0	-57.5	-79.9	209.9	85.6	42.7	74.2	355.0	355.9	99.9	99.9
34.9	119.3	14165.7	150.0	-64.2	-99.9	211.3	67.7	35.1	57.8	359.6	359.9	99.9	99.9
35.9	126.0	15274.0	125.0	-64.9	-99.9	206.5	45.1	20.1	40.4	373.9	373.9	99.9	99.9
36.9	134.0	16424.9	100.0	-67.5	-99.9	99.9	94.9	99.9	99.9	397.3	397.3	99.9	99.9
37.9	99.9	99.9	75.0	-69.9	-99.9	99.9	94.9	99.9	99.9	99.9	99.9	99.9	99.9
38.9	99.9	99.9	50.0	-69.9	-99.9	99.9	94.9	99.9	99.9	99.9	99.9	99.9	99.9
39.9	99.9	99.9	25.0	-69.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
40.9	99.9	99.9	25.0	-69.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 ° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 ° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 29 CAGE, OKLAHOMA													
7 JUNE 1979													
2316 GMT													
TIME	CNCT	HEIGHT	PHES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT T	E POT T	RM RTD	RM
MIN		GPM	WJ	UG C	OC C	DC	W/SEC	M/SEC	M/SEC	DC K	DC K	CM/SEC	PCY
0.0	13.1	678.0	925.0	29.1	17.9	340.0	3.0	1.0	-2.8	309.1	348.1	14.2	51.0
99.9	95.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
99.9	99.9	99.9	97.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
1.1	15.7	921.3	900.0	25.9	18.4	343.3	4.0	1.1	-3.8	308.2	349.2	15.0	61.3
2.0	18.2	1154.3	875.0	23.7	17.9	1.2	2.3	-0.0	-2.1	308.4	349.3	14.9	70.0
2.7	20.5	1422.9	850.0	22.2	17.1	94.8	2.4	-2.4	0.2	309.4	349.9	14.7	73.1
3.5	23.1	1642.6	825.0	20.8	15.5	148.2	6.6	-3.5	5.6	310.6	348.5	13.6	71.6
4.4	25.6	1448.9	800.0	18.3	14.3	142.8	8.7	-4.4	7.5	311.2	347.3	12.9	75.0
5.2	28.1	2251.1	775.0	16.2	12.6	156.0	9.2	-3.7	8.4	311.2	346.8	12.0	79.5
6.1	30.8	2521.1	750.0	17.9	5.0	176.5	9.2	-0.6	9.2	316.0	339.1	7.6	44.2
7.2	33.4	2760.7	725.0	16.4	0.9	183.5	9.4	0.6	9.4	317.4	334.3	5.6	34.9
8.2	36.0	3097.7	700.0	14.1	-1.2	188.3	9.9	1.4	9.8	319.1	333.5	5.1	35.2
9.2	38.4	3393.5	675.0	11.7	-2.5	200.4	10.1	3.5	9.5	318.7	333.0	4.7	37.0
10.4	41.8	3707.8	650.0	8.9	-4.3	203.6	10.2	4.9	8.9	319.0	332.2	4.3	39.0
11.6	44.4	4030.9	625.0	5.8	-6.5	206.5	10.3	4.6	9.2	319.1	330.7	3.8	40.8
12.7	47.1	4363.3	600.0	2.8	-7.6	201.7	10.1	3.7	9.4	319.4	330.5	3.6	42.3
14.0	50.3	4706.1	575.0	-0.2	-10.2	196.9	8.3	2.4	8.0	319.8	329.4	3.1	46.7
15.3	53.3	5003.0	550.0	-3.3	-14.1	186.6	7.4	0.9	7.3	320.2	327.6	2.3	42.7
16.8	56.8	5426.4	525.0	-5.5	-18.0	180.0	8.3	0.0	8.3	321.8	327.6	1.8	36.9
18.1	59.5	5828.3	500.0	-7.4	-20.9	184.7	11.6	1.0	11.5	324.0	326.8	1.4	33.1
19.6	62.8	6206.5	475.0	-9.3	-27.1	195.9	14.3	3.9	13.7	326.4	329.4	0.9	21.8
21.0	66.1	6521.9	450.0	-12.6	-29.4	194.4	13.5	4.2	12.8	327.4	330.0	0.7	23.0
22.4	69.6	7255.3	425.0	-16.3	-31.6	195.8	13.6	3.7	13.0	328.1	330.4	0.6	25.0
24.0	73.9	7559.1	400.0	-19.4	-32.2	184.7	15.2	1.2	15.2	329.8	332.1	0.6	30.9
25.4	76.7	7948.7	375.0	-22.6	-39.6	179.8	18.1	-0.1	18.1	331.7	332.8	0.3	19.4
27.6	80.6	8437.5	350.0	-26.0	-42.5	191.4	24.8	4.9	24.3	333.8	334.7	0.3	19.4
29.3	84.5	9022.5	325.0	-29.6	-44.7	200.3	35.5	12.3	33.3	340.1	341.0	0.2	17.3
31.1	88.7	9725.1	300.0	-31.6	-47.5	204.2	41.5	17.0	37.8	343.8	341.5	0.2	18.9
33.4	93.0	10203.9	275.0	-36.4	-50.7	204.1	41.9	17.1	38.2	342.5	343.0	0.1	21.1
35.6	97.6	10856.2	250.0	-40.5	-54.9	194.6	43.7	14.6	41.2	345.8	349.9	99.9	999.9
38.1	102.8	11544.3	225.0	-45.9	-59.9	200.0	47.6	16.3	44.7	348.2	349.9	99.9	999.9
41.3	107.6	12343.8	200.0	-51.5	-64.9	206.5	48.6	21.7	43.5	351.2	349.9	99.9	999.9
44.4	113.3	13197.6	175.0	-58.2	-69.9	212.6	45.7	24.6	43.5	353.9	349.9	99.9	999.9
48.1	119.5	14157.5	150.0	-63.1	-74.9	204.9	36.3	15.3	32.9	361.4	349.9	99.9	999.9
52.0	126.3	15265.1	125.0	-67.8	-79.9	201.9	28.6	11.0	27.3	372.3	349.9	99.9	999.9
56.6	133.7	16556.0	100.0	-67.9	-84.9	186.5	9.7	1.1	9.7	396.7	349.9	99.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE CAN TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 31  
MEMPHIS, TENN.  
7 JUNE 1970  
1400 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	QIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DEG K	E POT V DEG K	W R TO GMS	RM PC7	RANGE KM	AZ DEG
0.0	10.1	303.0	999.0	27.5	19.0	100.0	7.3	0.0	7.3	304.1	303.6	14.6	60.0	0.0	0.0
0.5	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.0	13.5	431.5	999.0	28.0	19.5	217.0	15.3	0.4	12.1	304.4	303.3	15.2	63.9	0.1	34.0
1.5	15.9	477.4	999.0	29.0	19.5	217.1	16.0	0.4	11.2	304.9	303.0	15.6	71.4	0.4	37.0
2.0	18.3	516.1	999.0	23.2	18.5	219.9	14.0	9.5	11.4	305.4	302.2	15.1	74.8	1.3	37.0
2.5	18.3	516.1	999.0	21.4	18.3	220.6	15.0	11.8	10.4	306.0	302.8	13.5	73.1	2.2	40.0
3.0	20.8	554.2	999.0	21.4	11.3	230.7	16.9	13.0	10.7	311.9	302.2	10.0	43.9	3.1	43.0
3.5	23.3	592.3	999.0	21.9	8.7	230.8	16.3	12.4	10.3	313.9	302.7	8.6	38.0	3.9	44.0
4.0	25.9	630.4	999.0	22.3	7.5	230.5	15.3	12.4	8.9	314.9	302.6	8.2	38.4	4.7	46.0
4.5	28.4	668.5	999.0	20.3	6.9	237.7	14.7	12.4	7.9	315.6	302.2	8.1	41.9	5.5	47.0
5.0	31.1	706.6	999.0	17.4	5.1	240.0	15.5	13.4	7.8	315.5	302.1	7.4	44.4	6.2	49.0
5.5	33.6	744.7	999.0	14.7	4.3	242.6	16.0	14.2	7.4	315.6	302.7	7.2	49.7	7.1	50.0
6.0	36.1	782.8	999.0	12.2	3.3	241.2	14.7	12.9	7.1	316.0	302.5	7.0	54.5	7.8	51.0
6.5	38.6	820.9	999.0	9.9	1.7	242.8	13.7	12.2	6.2	316.0	302.8	6.4	58.5	8.7	52.0
7.0	41.1	859.0	999.0	7.9	-0.2	248.4	12.8	11.9	4.7	317.9	302.3	5.6	58.8	9.5	54.0
7.5	43.6	897.1	999.0	4.9	-0.1	253.1	10.8	10.4	3.1	318.0	302.2	6.1	70.1	10.2	55.0
8.0	46.1	935.2	999.0	1.7	-1.1	252.6	9.8	9.4	2.9	318.1	302.8	5.9	81.6	10.8	56.0
8.5	48.6	973.3	999.0	-1.3	-2.0	255.5	8.4	8.2	2.0	318.5	302.8	5.4	89.6	11.4	57.0
9.0	51.1	1011.4	999.0	-3.7	-12.9	270.0	6.7	6.7	0.0	319.0	302.9	2.6	98.7	11.9	58.0
9.5	53.6	1049.5	999.0	-6.1	-10.3	270.0	7.3	7.3	-0.1	321.1	302.1	3.3	12.0	12.3	59.0
10.0	56.1	1087.6	999.0	-8.6	-28.4	280.3	9.3	9.2	1.4	325.7	302.2	0.7	15.1	12.9	61.0
10.5	58.6	1125.7	999.0	-11.0	-27.5	280.2	10.4	9.9	3.3	327.6	302.5	0.8	19.6	13.7	61.0
11.0	61.1	1163.8	999.0	-11.0	-27.5	280.2	10.4	9.9	3.3	327.6	302.5	0.8	19.6	13.7	61.0
11.5	63.6	1201.9	999.0	-11.0	-27.5	280.2	10.4	9.9	3.3	327.6	302.5	0.8	19.6	13.7	61.0
12.0	66.1	1239.0	999.0	-13.9	-30.3	290.5	6.6	6.2	2.2	331.1	302.4	6.7	23.6	15.1	62.0
12.5	68.6	1277.1	999.0	-17.0	-33.4	295.7	5.7	5.5	1.4	332.9	302.0	0.6	22.4	15.6	62.0
13.0	71.1	1315.2	999.0	-19.8	-37.4	276.7	6.8	6.7	-0.5	335.4	302.9	0.4	19.3	16.1	63.0
13.5	73.6	1353.3	999.0	-24.0	-41.7	260.0	7.4	7.5	-0.3	336.5	302.5	0.2	17.5	16.7	65.0
14.0	76.1	1391.4	999.0	-28.0	-45.2	277.4	7.9	7.6	-1.0	336.9	302.7	0.2	18.9	17.4	66.0
14.5	78.6	1429.5	999.0	-33.6	-48.2	265.0	11.1	11.0	1.0	338.0	302.6	0.2	21.1	18.2	67.0
15.0	81.1	1467.6	999.0	-37.0	-51.6	250.0	22.2	21.6	5.4	341.7	302.2	0.1	17.9	18.9	69.0
15.5	83.6	1505.7	999.0	-40.3	-54.9	280.4	35.9	34.6	9.6	346.1	999.9	99.9	99.9	23.3	69.0
16.0	86.1	1543.8	999.0	-44.6	-59.9	256.3	41.9	40.7	9.9	350.2	999.9	99.9	99.9	28.5	71.0
16.5	88.6	1581.9	999.0	-50.0	-64.9	270.6	66.0	43.4	15.2	353.7	999.9	99.9	99.9	35.0	71.0
17.0	91.1	1619.0	999.0	-56.5	-69.9	248.9	44.2	40.6	17.4	356.6	999.9	99.9	99.9	42.1	71.0
17.5	93.6	1657.1	999.0	-63.8	-74.9	253.0	38.0	33.5	18.2	360.0	999.9	99.9	99.9	48.6	73.0
18.0	96.1	1695.2	999.0	-68.5	-79.9	259.9	26.2	25.5	6.4	369.4	999.9	99.9	99.9	54.2	71.0
18.5	98.6	1733.3	999.0	-75.0	-84.9	260.0	99.9	99.9	99.9	379.3	999.9	99.9	99.9	99.9	99.9
19.0	101.1	1771.4	999.0	-81.0	-89.9	260.0	99.9	99.9	99.9	399.3	999.9	99.9	99.9	99.9	99.9
19.5	103.6	1809.5	999.0	-86.5	-94.9	260.0	99.9	99.9	99.9	419.3	999.9	99.9	99.9	99.9	99.9
20.0	106.1	1847.6	999.0	-91.0	-99.9	260.0	99.9	99.9	99.9	439.3	999.9	99.9	99.9	99.9	99.9
20.5	108.6	1885.7	999.0	-96.5	-104.9	260.0	99.9	99.9	99.9	459.3	999.9	99.9	99.9	99.9	99.9
21.0	111.1	1923.8	999.0	-101.0	-109.9	260.0	99.9	99.9	99.9	479.3	999.9	99.9	99.9	99.9	99.9
21.5	113.6	1961.9	999.0	-106.5	-114.9	260.0	99.9	99.9	99.9	499.3	999.9	99.9	99.9	99.9	99.9
22.0	116.1	2000.0	999.0	-111.0	-119.9	260.0	99.9	99.9	99.9	519.3	999.9	99.9	99.9	99.9	99.9
22.5	118.6	2038.1	999.0	-116.5	-124.9	260.0	99.9	99.9	99.9	539.3	999.9	99.9	99.9	99.9	99.9
23.0	121.1	2076.2	999.0	-121.0	-129.9	260.0	99.9	99.9	99.9	559.3	999.9	99.9	99.9	99.9	99.9
23.5	123.6	2114.3	999.0	-126.5	-134.9	260.0	99.9	99.9	99.9	579.3	999.9	99.9	99.9	99.9	99.9
24.0	126.1	2152.4	999.0	-131.0	-139.9	260.0	99.9	99.9	99.9	599.3	999.9	99.9	99.9	99.9	99.9
24.5	128.6	2190.5	999.0	-136.5	-144.9	260.0	99.9	99.9	99.9	619.3	999.9	99.9	99.9	99.9	99.9
25.0	131.1	2228.6	999.0	-141.0	-149.9	260.0	99.9	99.9	99.9	639.3	999.9	99.9	99.9	99.9	99.9
25.5	133.6	2266.7	999.0	-146.5	-154.9	260.0	99.9	99.9	99.9	659.3	999.9	99.9	99.9	99.9	99.9
26.0	136.1	2304.8	999.0	-151.0	-159.9	260.0	99.9	99.9	99.9	679.3	999.9	99.9	99.9	99.9	99.9
26.5	138.6	2342.9	999.0	-156.5	-164.9	260.0	99.9	99.9	99.9	699.3	999.9	99.9	99.9	99.9	99.9
27.0	141.1	2381.0	999.0	-161.0	-169.9	260.0	99.9	99.9	99.9	719.3	999.9	99.9	99.9	99.9	99.9
27.5	143.6	2419.1	999.0	-166.5	-174.9	260.0	99.9	99.9	99.9	739.3	999.9	99.9	99.9	99.9	99.9
28.0	146.1	2457.2	999.0	-171.0	-179.9	260.0	99.9	99.9	99.9	759.3	999.9	99.9	99.9	99.9	99.9
28.5	148.6	2495.3	999.0	-176.5	-184.9	260.0	99.9	99.9	99.9	779.3	999.9	99.9	99.9	99.9	99.9
29.0	151.1	2533.4	999.0	-181.0	-189.9	260.0	99.9	99.9	99.9	799.3	999.9	99.9	99.9	99.9	99.9
29.5	153.6	2571.5	999.0	-186.5	-194.9	260.0	99.9	99.9	99.9	819.3	999.9	99.9	99.9	99.9	99.9
30.0	156.1	2609.6	999.0	-191.0	-199.9	260.0	99.9	99.9	99.9	839.3	999.9	99.9	99.9	99.9	99.9
30.5	158.6	2647.7	999.0	-196.5	-204.9	260.0	99.9	99.9	99.9	859.3	999.9	99.9	99.9	99.9	99.9
31.0	161.1	2685.8	999.0	-201.0	-209.9	260.0	99.9	99.9	99.9	879.3	999.9	99.9	99.9	99.9	99.9
31.5	163.6	2723.9	999.0	-206.5	-214.9	260.0	99.9	99.9	99.9	899.3	999.9	99.9	99.9	99.9	99.9
32.0	166.1	2762.0	999.0	-211.0	-219.9	260.0	99.9	99.9	99.9	919.3	999.9	99.9	99.9	99.9	99.9
32.5	168.6	2800.1	999.0	-216.5	-224.9	260.0	99.9	99.9	99.9	939.3	999.9	99.9	99.9	99.9	99.9
33.0	171.1	2838.2	999.0	-221.0	-229.9	260.0	99.9	99.9	99.9	959.3	999.9	99.9	99.9	99.9	99.9
33.5	173.6	2876.3	999.0	-226.5	-234.9	260.0	99.9	99.9	99.9	979.3	999.9	99.9	99.9	99.9	99.9
34.0	176.1	2914.4	999.0	-231.0	-239.9	260.0	99.9	99.9	99.9	999.3	999.9	99.9	99.9	99.9	99.9
34.5	178.6	2952.5	999.0	-236.5	-244.9	260.0	99.9	99.9	99.9	1019.3	999.9	99.9	99.9	99.9	99.9
35.0	181.1	2990.6	999.0	-241.0	-249.9	260.0	99.9	99.9	99.9	1039.3	999.9	99.9	99.9	99.9	99.9
35.5	183.6	3028.7	999.0	-246.5	-254.9	260.0	99.9	99.9	99.9	1059.3	999.9	99.9	99.9	99.9	99.9
36.0	186.1	3066.8	999.0	-251.0	-259.9	260.0	99.9	99.9	99.9	1079.3	999.9	99.9	99.9	99.9	99.9
36.5	188.6	3104.9	999.0	-256.5	-264.9	260.0	99.9	99.9	99.9	1099.3	999.9	99.9	99.9	99.9	99.9
37.0	191.1	3143.0	999.0	-261.0	-269.9	260.0	99.9	99.9	99.9	1119.3	999.9	99.9	99.9	99.9	99.9
37.5	193.6	3181.1	999.0	-266.5	-274.9	260.0	99.9	99.9	99.9	1139.3	999.9	99.9	99.9	99.9	99.9
38.0	196.1	3219.2	999.0	-271.0	-279.9	260.0	99.9	99.9	99.9	1159.3	999.9	99.9	99.9	99.9	99.9
38.5	198.6	3257.3	999.0	-276.5	-284.9	260.0	99.9	99.9	99.9	1179.3	999.9	99.9	99.9	99.9	99.9
39.0	20														

STATION NO. 32  
 WINTON, OKLAHOMA

 7 JUNE 1979  
 1105 GMT

127 98. 8

TIME MIN	CHRY	WEIGHT GPM	PRES HJ	TEMP DG C	DEV PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POV Y DG K	E POT Y DG K	WX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	1.9	507.0	941.6	20.2	19.9	175.0	3.5	-0.3	3.5	298.5	339.8	15.7	98.0	0.0	0.
99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	13.5	680.0	925.0	21.2	20.3	198.5	20.2	6.4	19.1	301.0	344.7	16.5	94.6	0.5	0.
1.5	15.9	696.6	903.0	21.7	18.1	212.6	27.6	14.8	23.2	333.8	343.5	14.7	80.3	1.6	1.
2.5	18.4	1144.8	875.0	24.9	10.9	224.5	33.8	23.0	24.1	309.7	336.3	9.5	41.6	3.5	30.
3.6	20.9	1349.0	850.0	24.4	6.0	224.6	31.9	24.0	21.1	311.7	334.5	7.9	35.0	5.7	37.
4.6	23.4	1051.5	825.0	22.4	7.0	228.8	30.0	22.6	19.6	312.2	334.2	7.6	37.0	7.5	40.
5.6	26.0	1426.0	803.0	20.1	7.0	231.9	28.5	22.4	17.6	312.6	335.3	7.9	42.4	9.2	42.
6.7	29.6	2199.1	775.0	18.1	6.5	235.6	27.3	22.6	15.3	313.3	336.0	7.9	46.8	11.0	44.
7.6	31.2	2479.0	753.0	15.7	6.1	238.7	24.8	21.2	12.9	313.7	336.5	7.9	52.6	12.4	45.
8.5	33.6	2765.9	725.0	13.2	4.7	246.3	19.2	17.6	7.7	314.0	335.5	7.4	56.1	13.6	47.
9.6	36.6	3000.1	700.0	10.4	3.2	251.2	20.6	19.7	6.7	314.0	334.0	6.9	61.0	14.7	49.
10.5	39.3	3362.2	675.0	7.9	4.0	261.9	19.8	19.6	2.8	314.5	336.5	7.6	76.3	15.4	50.
11.6	42.3	3672.5	653.0	5.1	1.1	282.2	14.6	14.3	-3.1	314.7	333.5	6.4	75.4	16.7	51.
12.3	44.9	3992.4	625.0	3.7	-13.2	293.5	12.9	11.8	-5.1	316.7	323.6	2.2	27.8	17.2	56.
14.1	47.9	4322.4	600.0	2.0	-14.7	299.7	10.1	8.8	-5.0	316.4	319.6	0.3	4.5	17.6	59.
15.2	50.9	4664.4	575.0	0.1	-45.5	308.1	10.0	7.9	-6.2	320.1	320.5	0.1	1.7	17.5	63.
16.5	53.9	5318.3	550.0	-2.9	-51.8	306.8	10.5	8.4	-6.3	320.7	320.9	0.1	1.0	18.2	62.
17.4	56.9	5385.1	525.0	-4.7	-52.9	309.6	9.9	7.6	-6.3	322.8	323.0	0.1	1.0	18.6	65.
19.2	60.1	5767.1	500.0	-7.1	-62.3	289.9	9.2	8.7	-3.1	324.4	325.1	0.2	4.3	19.0	67.
20.4	63.4	6164.7	475.0	-9.9	-62.8	286.4	6.3	6.0	-1.6	325.8	326.4	0.2	4.9	19.6	68.
22.3	66.7	6579.4	450.0	-12.8	-51.9	299.5	5.7	4.9	-2.6	327.1	327.6	0.1	3.6	19.9	69.
23.9	70.1	7012.4	425.0	-15.6	-47.5	276.1	6.7	6.7	-0.7	329.0	329.5	0.1	4.4	20.3	70.
25.8	73.7	7466.5	407.0	-18.9	-46.2	274.4	9.7	9.6	-0.7	329.1	329.7	0.1	7.5	21.3	71.
28.1	77.4	7941.9	375.0	-23.2	-50.2	278.6	12.4	12.3	-1.9	330.9	331.1	0.1	6.5	22.6	73.
29.3	81.3	8431.1	350.0	-27.0	-50.5	279.1	14.9	14.8	-2.4	332.3	332.7	0.1	8.6	23.9	74.
31.3	85.3	8973.5	325.0	-30.9	-53.2	278.5	15.2	15.0	-2.2	334.1	334.4	0.1	9.0	25.1	76.
32.6	89.5	9537.0	300.0	-34.7	-55.9	270.5	19.9	19.9	-0.2	336.5	336.7	0.1	9.4	26.3	78.
34.3	93.8	10142.6	275.0	-38.0	-59.7	260.3	48.4	47.7	8.1	343.1	343.3	0.0	6.6	29.3	77.
36.4	98.6	10798.2	250.0	-40.4	99.9	257.3	78.0	76.1	17.1	346.1	999.9	99.9	999.9	37.7	77.
38.4	103.4	11504.8	225.0	-45.1	99.9	255.1	100.3	96.9	25.7	349.4	999.9	99.9	999.9	51.7	77.
41.7	104.8	12295.5	200.0	-51.7	99.9	247.7	86.4	79.9	32.8	351.0	999.9	99.9	999.9	47.7	76.
44.4	114.4	13191.0	175.0	-56.9	99.9	250.6	79.9	75.4	26.3	356.1	999.9	99.9	999.9	42.9	74.
44.2	121.3	14101.0	150.0	-64.2	99.9	253.2	75.9	72.7	22.0	359.5	999.9	99.9	999.9	99.9	74.
51.5	128.3	15206.2	125.0	-67.4	99.9	252.3	81.9	58.9	18.8	372.6	999.9	99.9	999.9	110.9	74.
55.6	136.3	16538.3	100.0	-65.9	99.9	259.9	94.9	99.9	99.9	400.4	999.9	99.9	999.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 32  
WINTON, OKLAHOMA

7 JUNE 1979  
1405 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP OC C	DEW PT OC C	DIR DC	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT I DG K	E POT I DG K	WIND CM/SEC	SH PCT	RANGE NM	AZ DG
0.0	11.7	507.0	942.4	24.9	22.2	200.0	5.0	1.7	4.7	303.2	351.7	18.2	85.0	0.0	0.0
0.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	13.5	670.7	925.0	22.9	20.0	204.6	17.6	7.3	16.0	302.8	345.9	16.1	81.4	0.5	16.0
1.4	16.0	910.1	908.0	22.8	18.0	213.1	24.8	13.5	20.8	304.7	346.3	15.4	70.8	1.5	23.0
2.4	18.4	1150.1	875.0	23.9	13.3	225.1	33.5	23.7	23.6	308.4	339.4	11.1	82.0	3.3	34.0
3.5	20.9	1410.6	850.0	25.0	10.6	227.2	31.2	22.9	21.2	314.7	339.4	9.5	40.2	5.7	39.0
4.8	23.5	1672.4	825.0	24.7	8.9	239.6	19.4	16.9	9.9	314.7	339.4	6.7	30.7	7.3	42.0
5.0	40.0	1941.6	800.0	22.3	7.4	237.9	22.8	19.3	12.1	314.9	338.5	6.1	35.3	8.5	45.0
6.9	28.7	2210.0	775.0	20.1	6.4	239.1	19.5	16.2	10.0	315.4	338.2	7.0	41.0	10.1	47.0
7.8	31.3	2490.5	750.0	17.4	5.1	242.5	16.1	14.3	7.4	315.5	337.0	7.4	40.1	10.9	49.0
8.8	34.0	2780.8	725.0	14.7	3.8	247.9	13.3	13.0	6.4	315.6	336.8	7.0	47.9	11.8	49.0
9.0	36.8	3082.8	700.0	12.3	2.7	250.8	10.3	10.0	3.5	316.1	335.0	6.7	52.0	12.8	51.0
10.9	39.6	3389.9	675.0	9.7	1.8	255.0	10.1	13.6	3.6	316.5	334.7	6.1	54.5	13.7	53.0
12.0	42.3	3599.5	650.0	7.5	0.5	260.2	12.9	12.7	2.2	317.4	335.7	6.1	61.3	14.5	54.0
13.1	45.3	4021.5	625.0	4.9	-1.1	270.5	10.3	10.3	-0.1	317.6	334.6	5.7	66.7	15.1	56.0
14.2	48.3	4322.8	600.0	1.7	-5.4	282.9	7.4	7.4	-1.7	318.0	331.0	4.3	59.3	15.6	57.0
15.4	51.3	4609.7	575.0	-0.6	-10.0	325.5	4.8	2.7	-4.0	319.3	328.4	2.9	45.8	15.8	58.0
16.6	54.4	5040.3	550.0	-3.1	-16.3	318.4	4.2	-0.3	-0.1	320.5	326.7	2.7	35.3	15.7	59.0
18.1	57.5	5415.1	525.0	-5.2	-27.2	278.4	5.1	5.0	-0.7	322.2	324.9	0.8	15.8	15.6	60.0
19.6	60.8	5790.6	500.0	-7.4	-31.8	257.9	8.6	8.7	1.9	324.0	325.8	0.5	12.1	16.3	61.0
21.0	64.0	6194.3	475.0	-9.4	-32.3	260.2	7.7	7.6	1.3	326.4	328.2	0.5	13.4	17.0	62.0
22.5	67.4	6600.7	450.0	-12.5	-32.0	258.0	6.0	5.8	1.2	327.6	329.6	0.6	17.6	17.6	62.0
24.0	71.0	7042.4	425.0	-15.6	-29.8	262.5	4.9	4.9	0.6	329.0	331.6	0.7	28.2	18.0	61.0
25.6	74.6	7499.4	400.0	-18.9	-26.2	265.9	0.6	0.6	0.6	330.4	332.0	0.4	20.6	18.6	63.0
27.3	78.3	7975.8	375.0	-22.1	-42.1	270.6	5.6	5.6	-0.1	332.4	333.3	0.2	14.2	19.3	64.0
29.2	82.2	8479.3	350.0	-25.9	-44.0	256.2	11.9	11.5	2.8	333.9	334.7	0.2	15.3	20.0	65.0
31.3	86.2	9012.3	325.0	-29.6	-49.6	219.8	18.3	18.0	3.2	336.7	337.2	0.1	11.6	22.0	66.0
33.8	90.3	9582.7	300.0	-33.7	-50.9	255.2	34.2	33.1	8.7	342.1	342.6	0.1	11.7	25.0	68.0
35.4	94.8	10160.0	275.0	-38.4	-53.6	254.1	51.7	49.7	16.1	345.4	345.8	0.1	12.1	30.1	68.0
37.6	99.4	10850.4	250.0	-43.1	-59.1	250.3	58.4	56.3	13.6	348.0	348.2	0.0	9.9	37.4	70.0
40.2	104.4	11565.3	225.0	-45.2	-69.9	234.1	58.3	56.1	15.6	349.2	349.9	99.9	99.9	46.8	71.0
42.9	109.8	12348.0	200.0	-50.2	-79.9	252.0	72.9	69.3	22.5	353.3	353.9	99.9	99.9	56.7	71.0
45.1	115.8	13200.7	175.0	-54.7	-99.9	251.0	101.0	95.5	34.8	356.3	356.9	99.9	99.9	73.4	71.0
47.4	122.0	14165.9	150.0	-64.0	-99.9	250.5	63.5	59.9	21.2	359.8	359.9	99.9	99.9	92.7	71.0
52.0	129.0	15274.8	125.0	-68.8	-99.9	251.8	25.8	24.4	8.4	375.5	375.9	99.9	99.9	100.0	71.0
57.2	137.0	16624.4	100.0	-68.6	-99.9	999.9	99.9	99.9	99.9	399.0	399.9	99.9	99.9	999.9	999.9
59.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
59.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
59.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 32  
NIMON, ORELAINDA7 JUNE 1979  
1705 GPT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POI T DEG K	E POT T DEG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	11.0	807.8	943.8	29.7	19.1	210.0	6.0	3.0	5.2	307.9	348.9	14.9	53.0	0.0	0.
99.9	99.9	1000.0	943.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	12.7	643.1	925.0	26.6	18.3	203.2	18.6	7.3	17.1	306.5	346.0	14.5	60.2	0.8	42.
1.0	14.9	925.0	900.0	24.4	17.0	204.6	20.2	8.4	18.3	306.5	346.2	13.7	63.4	1.9	23.
2.4	17.1	1171.4	875.0	22.2	15.7	209.7	17.6	6.7	15.3	306.6	346.4	13.0	66.7	2.9	24.
3.2	19.4	1623.5	850.0	21.4	13.6	222.4	16.0	10.8	11.8	308.5	340.7	11.6	61.2	3.7	26.
4.0	21.6	1663.4	825.0	22.6	7.3	228.9	16.9	12.8	11.1	312.5	338.9	7.8	37.3	4.4	32.
5.0	24.0	1950.7	800.0	22.0	5.9	235.4	18.3	15.0	10.4	314.7	335.9	7.3	35.0	5.4	34.
6.0	26.3	2225.5	775.0	20.1	3.7	238.3	20.8	17.7	11.0	315.4	334.5	6.5	34.1	6.5	38.
7.0	28.7	2402.0	750.0	17.7	2.3	233.4	18.4	14.8	11.0	315.8	333.7	6.0	35.6	7.6	41.
8.0	31.0	2703.4	725.0	14.9	2.6	236.7	17.1	14.3	10.4	315.0	333.7	5.4	43.6	8.6	44.
9.0	33.5	3091.5	700.0	12.5	0.8	236.5	18.6	13.5	10.3	316.3	333.6	5.8	44.8	9.7	48.
10.0	35.9	3395.5	675.0	10.2	0.4	235.0	15.7	12.9	9.5	317.1	333.6	5.9	50.6	10.8	45.
11.1	38.4	3708.3	650.0	7.6	-1.3	236.7	12.0	11.0	4.7	317.6	333.6	5.4	53.2	11.6	46.
12.2	41.0	4030.4	625.0	5.5	-2.3	236.8	11.3	11.0	2.2	318.0	333.4	5.2	57.1	12.3	48.
13.3	43.6	4362.8	600.0	2.3	-5.1	238.0	6.0	9.0	0.1	318.0	332.1	4.4	57.7	12.8	50.
14.5	46.2	4705.2	575.0	-0.7	-8.5	235.4	5.9	5.7	1.5	319.2	329.9	3.5	55.3	13.2	51.
15.7	49.0	5038.2	550.0	-3.9	-11.1	234.4	8.6	7.2	5.1	319.5	328.8	3.0	57.1	13.7	51.
17.1	51.8	5425.2	525.0	-4.5	-29.7	232.2	5.1	4.9	1.6	323.0	325.1	0.6	11.9	14.3	51.
18.5	54.6	5837.7	500.0	-7.1	-31.5	232.7	6.8	6.8	-0.3	324.4	328.3	0.5	12.1	14.6	52.
19.9	57.5	6205.1	475.0	-9.2	-33.1	236.1	8.9	8.6	2.1	326.5	328.3	0.5	12.3	15.3	54.
21.4	60.5	6621.7	450.0	-12.5	-31.4	232.3	7.9	7.5	2.4	327.6	329.7	0.6	18.8	16.0	55.
22.4	63.6	7051.2	425.0	-15.1	-31.6	234.8	8.7	8.0	3.4	329.6	331.8	0.6	23.0	16.6	55.
24.4	66.8	7511.9	400.0	-18.0	-39.5	242.6	11.3	10.1	5.2	331.6	332.7	0.3	13.1	17.5	56.
26.2	70.1	7991.1	375.0	-21.9	-42.4	236.2	10.4	8.6	5.8	332.7	333.6	0.2	13.5	18.7	58.
27.8	73.6	8494.8	350.0	-26.2	-45.7	236.0	9.7	8.1	5.4	333.5	334.2	0.2	13.9	19.7	58.
29.5	77.1	9028.9	325.0	-28.2	-47.2	237.7	12.9	10.9	6.9	337.8	336.5	0.2	14.1	20.6	58.
31.0	80.8	9599.1	300.0	-31.5	-49.8	233.7	20.4	26.3	13.0	340.9	341.5	0.1	14.4	22.4	56.
32.8	84.7	10211.7	275.0	-34.9	-52.4	233.3	42.1	40.3	12.1	344.7	345.1	0.1	14.7	26.5	54.
34.8	88.4	10868.5	250.0	-40.4	99.9	232.6	54.7	52.2	16.4	346.0	349.9	99.9	99.9	31.9	61.
37.0	93.2	11578.2	225.0	-45.8	99.9	230.2	54.0	50.9	18.3	346.3	350.9	99.9	99.9	39.2	63.
39.0	97.8	12353.7	200.0	-50.9	99.9	244.8	56.7	51.3	24.2	352.2	359.9	99.9	99.9	45.4	64.
41.0	102.8	13210.4	175.0	-57.9	99.9	243.7	63.8	57.2	28.2	354.4	369.9	99.9	99.9	53.6	64.
43.3	108.3	14167.7	150.0	-64.9	99.9	248.6	39.9	37.2	14.6	358.2	369.9	99.9	99.9	59.9	64.
45.5	114.3	15265.8	125.0	-68.1	99.9	247.4	34.3	31.6	13.2	371.7	369.9	99.9	99.9	65.2	64.
48.0	121.3	16408.6	100.0	-64.2	99.9	99.9	99.9	99.9	99.9	345.9	369.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 32 MINTON, OREGON													
7 JUNE 1979													
TIME	CNTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT T	E POT T	REL STO	RM
MIN		CM	MB	DEG C	DEG C	DEG	M/SEC	M/SEC	M/SEC	DEG K	DEG K	CM/KG	PC1
0.0	11.8	507.0	933.4	30.0	19.7	210.0	8.0	4.0	6.9	320.3	350.7	15.5	54.0
00.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.0	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02.0	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03.0	13.7	623.4	925.0	29.4	17.7	195.2	20.3	5.3	19.6	309.4	368.1	14.0	49.9
04.0	16.2	927.5	900.0	27.3	17.1	195.9	18.0	5.1	18.1	309.7	367.9	13.8	49.9
05.0	18.6	1176.5	875.0	24.0	15.9	198.3	17.5	5.5	16.6	309.6	368.1	13.2	57.6
06.0	21.3	1430.6	850.0	22.0	15.6	199.9	16.2	5.5	15.2	310.0	368.4	12.4	59.9
07.0	23.9	1690.3	825.0	20.5	11.9	204.2	15.4	4.3	14.0	310.2	368.2	10.7	57.7
08.0	26.5	1956.5	800.0	20.7	6.1	223.5	16.1	11.1	11.7	313.2	368.7	7.4	58.8
09.0	29.2	2233.8	775.0	20.3	3.4	235.2	17.9	15.7	10.3	315.7	368.3	6.3	52.7
10.0	31.9	2512.8	750.0	18.5	0.3	231.6	18.4	15.4	11.4	316.7	368.3	5.2	52.7
11.0	34.6	2802.2	725.0	16.1	-1.1	233.7	17.6	15.2	10.4	317.2	368.3	4.9	50.0
12.0	37.4	3094.0	700.0	13.7	-1.7	238.4	15.4	13.2	8.0	317.7	368.3	4.0	50.0
13.0	40.2	3384.2	675.0	11.4	-2.9	245.7	12.0	11.0	4.9	318.4	368.3	4.6	50.0
14.0	43.1	3717.9	650.0	8.5	-4.4	252.0	9.4	8.3	4.3	318.6	368.3	4.3	50.0
15.0	46.0	4060.7	625.0	5.9	-4.7	258.4	7.6	6.0	4.7	319.2	368.4	4.3	50.0
16.0	49.0	4373.1	600.0	2.4	-5.2	264.4	7.1	4.9	5.0	319.9	368.4	4.0	50.0
17.0	52.0	4713.7	575.0	-0.7	-5.0	270.8	15.5	10.1	11.7	319.2	368.4	3.4	50.0
18.0	55.1	5064.1	550.0	-4.0	-15.7	194.8	11.0	9.9	11.0	319.4	368.4	2.2	43.4
19.0	58.3	5435.8	525.0	-4.9	-25.8	37.4	5.4	-3.5	-4.6	323.1	368.1	0.9	17.0
20.0	61.6	5818.6	500.0	-6.3	-30.1	283.7	7.2	7.8	-1.7	325.3	368.5	0.6	13.2
21.0	64.9	6218.0	475.0	-8.9	-31.1	291.3	9.8	6.6	0.7	327.0	368.1	0.6	13.2
22.0	68.3	6633.9	450.0	-12.2	-32.6	292.0	8.3	6.6	0.6	329.0	368.0	0.5	16.2
23.0	71.9	7068.3	425.0	-15.3	-35.7	293.3	11.6	8.0	8.5	329.4	368.0	0.4	15.4
24.0	75.6	7523.7	400.0	-18.0	-34.4	293.0	13.1	9.0	9.4	330.5	368.0	0.3	15.7
25.0	79.3	8001.1	375.0	-22.4	-41.2	293.8	13.9	9.5	10.2	332.0	368.0	0.3	16.0
26.0	83.3	8505.2	350.0	-24.9	-43.2	293.3	15.9	11.9	10.6	335.2	368.1	0.2	16.2
27.0	87.3	9041.9	325.0	-26.7	-44.6	296.3	33.0	27.4	18.3	339.9	368.0	0.2	16.4
28.0	91.7	9616.9	300.0	-30.0	-47.2	244.5	41.3	37.3	17.8	343.1	368.0	0.2	16.7
29.0	96.0	10224.7	275.0	-35.0	-51.2	248.8	45.1	42.0	16.3	344.5	368.0	0.1	17.1
30.0	100.8	10855.9	250.0	-40.3	99.9	243.0	54.2	48.3	24.4	346.2	368.0	99.9	99.9
31.0	105.6	11598.0	225.0	-44.6	99.9	242.5	57.2	50.8	26.4	350.2	368.0	99.9	99.9
32.0	111.3	12374.6	200.0	-51.4	99.9	232.2	61.3	55.2	28.6	351.4	368.0	99.9	99.9
33.0	117.3	13228.7	175.0	-57.9	99.9	229.7	50.2	47.1	17.5	354.4	368.0	99.9	99.9
34.0	123.7	14189.3	150.0	-63.0	99.9	231.8	47.9	45.5	15.0	360.2	368.0	99.9	99.9
35.0	130.8	15295.4	125.0	-63.2	99.9	232.0	42.7	37.9	19.6	371.5	368.0	99.9	99.9
36.0	139.0	16632.5	100.0	-69.0	99.9	99.9	99.9	99.9	99.9	394.4	368.0	99.9	99.9
37.0	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
38.0	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
39.0	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
40.0	99.9	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG



STATION NO. 32  
MINTON, OKLAHOMA7 JUNE 1979  
2305 GMT

TIME MIN	CNCT	WEIGHT GPH	PHOS MG	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/RC	RH PCT	RANGE AZ KM	DG
0.0	11.0	507.8	943.7	31.7	20.0	200.0	5.0	1.7	4.7	310.0	353.6	15.8	50.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	13.7	607.5	950.0	30.7	21.4	185.1	17.6	1.6	17.5	310.7	359.3	17.6	57.0	0.4	5.
1.5	16.2	933.0	900.0	20.7	20.4	187.0	18.5	2.3	18.3	311.1	358.1	17.0	60.8	1.3	5.
2.4	18.6	1181.6	875.0	26.0	18.9	189.7	19.1	3.2	18.6	310.6	354.9	16.0	65.1	2.4	7.
3.5	21.2	1438.8	853.0	23.6	18.0	193.1	18.2	4.1	17.7	310.9	356.0	16.3	74.3	3.6	8.
4.5	23.8	1695.6	825.0	21.6	16.6	207.0	19.3	8.0	17.2	311.4	351.9	14.6	73.2	4.7	11.
5.5	26.4	1965.0	800.0	20.1	15.6	220.0	20.6	13.3	15.8	312.6	347.3	12.3	66.1	5.8	15.
6.4	29.0	2243.3	775.0	19.3	8.1	226.8	18.3	13.3	12.5	316.5	339.9	8.8	48.3	6.8	20.
7.4	31.7	2527.4	750.0	18.2	4.2	224.7	13.8	9.7	9.8	316.4	336.7	6.9	39.3	7.7	23.
8.5	34.4	2811.7	750.0	16.2	-0.5	225.9	13.4	9.6	9.3	317.2	332.5	5.1	31.9	8.4	25.
9.5	37.1	3108.9	700.0	14.1	-2.6	226.4	13.0	9.4	9.0	318.1	331.6	4.5	31.5	9.3	27.
10.7	40.0	3414.2	675.0	11.3	-2.5	240.4	9.6	8.3	4.7	318.3	332.7	4.7	30.0	10.0	29.
11.6	42.8	3728.2	650.0	8.8	-4.5	244.8	7.9	7.2	3.4	318.9	331.8	4.2	30.8	10.5	31.
13.2	45.8	4051.1	625.0	5.5	-5.9	246.3	5.9	5.4	2.4	318.6	330.9	4.0	43.5	10.9	32.
14.4	48.8	4343.2	600.0	2.3	-6.7	238.9	4.6	5.7	3.4	318.8	330.7	3.9	51.0	11.3	34.
15.7	51.8	4725.4	575.0	-0.8	-11.0	253.7	5.7	5.5	1.6	319.1	328.2	2.9	45.9	11.7	35.
16.9	54.4	5079.1	550.0	-3.0	-16.3	254.8	8.0	7.8	2.1	320.6	326.9	1.9	34.9	12.0	36.
18.2	57.9	5460.5	525.0	-4.4	-27.2	237.9	9.5	8.0	5.0	323.2	325.8	0.8	14.8	12.7	38.
21.4	64.5	6229.8	475.0	-8.9	-30.9	225.7	5.8	4.2	4.1	326.9	329.1	0.6	14.9	14.2	39.
23.1	67.9	6494.4	450.0	-12.1	-33.3	226.5	8.5	6.2	5.9	328.0	329.8	0.5	15.1	14.8	39.
24.7	71.4	7079.7	425.0	-14.3	-35.0	227.8	13.7	10.2	9.2	330.4	332.2	0.5	15.3	15.0	40.
25.2	75.3	7530.4	400.0	-17.6	-37.5	233.3	21.1	16.9	12.6	332.2	333.5	0.4	15.6	15.3	40.
27.9	78.8	8016.8	375.0	-20.6	-39.8	239.8	31.6	27.4	15.9	336.3	335.5	0.3	15.9	15.9	43.
30.8	82.7	8523.4	350.0	-22.0	-42.5	242.9	37.9	31.7	20.7	339.1	340.1	0.3	13.5	20.0	45.
32.0	86.7	9060.8	325.0	-25.8	-45.4	246.0	42.0	37.1	19.7	341.1	341.9	0.2	13.9	20.0	48.
34.1	91.0	9600.6	300.0	-30.0	-47.9	240.5	48.4	42.5	24.0	341.8	342.5	0.2	16.8	34.5	50.
36.0	95.4	10253.1	275.0	-34.9	-51.2	210.7	48.4	42.4	23.8	344.6	345.1	0.1	17.1	34.3	52.
38.4	100.2	10911.9	250.0	-39.8	-54.9	238.4	56.8	48.3	29.8	348.9	349.9	99.9	999.9	47.3	53.
40.8	105.2	11623.4	225.0	-45.9	-59.9	239.4	50.1	43.1	25.5	348.1	349.9	99.9	999.9	55.4	54.
43.1	110.5	12390.5	200.0	-51.2	-64.9	245.4	52.1	47.4	21.7	351.7	351.9	99.9	999.9	61.8	55.
45.1	116.4	13255.3	175.0	-57.0	-69.9	248.0	50.1	46.6	18.4	355.9	355.9	99.9	999.9	71.7	56.
48.9	122.0	14215.0	150.0	-63.8	-74.9	245.6	43.9	39.9	18.1	360.2	360.9	99.9	999.9	78.3	57.
51.9	128.8	15315.0	125.0	-64.0	-74.9	238.8	38.6	33.0	20.0	370.0	369.9	99.9	999.9	81.3	58.
53.8	138.0	16645.7	100.0	-69.0	-79.9	999.9	99.9	99.9	99.9	394.4	394.9	99.9	999.9	99.9	999.9
55.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 33 HTVY. OKLAHOMA													
7 JUNE 1975													
2005 GMT													
TIME MIN	CHCT	WEIGHT GPM	PRES MB	TEMP DC C	DEW PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MAX RTO CM/KG	AN PCT
0.0	10.0	363.0	960.0	31.5	26.4	180.0	7.8	0.0	7.0	300.2	351.8	16.0	52.6
0.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	0.0
0.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	0.0
0.2	0.0	406.1	950.0	41.0	23.4	184.1	10.3	1.1	-0.3	309.5	362.8	19.5	61.1
0.0	13.2	706.2	925.0	29.7	22.7	187.3	12.0	1.5	11.9	309.7	-62.1	19.2	64.1
1.5	15.6	951.1	900.0	28.9	21.2	186.6	12.4	1.4	12.3	309.2	358.3	17.9	71.1
2.2	18.0	1199.8	853.0	28.2	20.5	190.5	11.0	2.1	12.8	309.6	357.3	17.7	78.7
3.0	40.5	1456.0	853.0	24.2	19.2	200.6	13.1	4.6	12.3	309.4	355.2	16.7	81.6
3.6	22.9	1713.7	825.0	22.0	9.9	213.3	17.3	9.5	10.5	311.9	338.8	9.5	47.4
4.6	35.4	1901.4	800.0	22.2	6.3	222.9	15.9	10.9	11.6	316.0	336.7	7.5	35.7
5.6	48.0	2256.5	775.0	20.4	3.5	234.0	13.9	11.5	7.0	315.0	334.6	6.4	32.8
6.6	36.6	2539.6	750.0	18.9	2.0	237.2	13.4	11.4	7.3	317.1	334.7	5.9	32.4
7.6	33.2	2828.7	725.0	16.4	1.6	237.4	12.4	10.5	6.7	317.5	335.2	6.0	36.8
8.7	35.8	3125.9	700.0	13.6	1.9	237.5	12.8	10.9	6.9	317.6	336.3	6.3	42.9
10.7	41.3	3744.6	650.0	9.3	-0.5	246.9	11.1	10.3	4.6	318.4	335.5	5.7	53.6
11.6	47.1	4088.0	625.0	8.4	-2.2	256.6	9.9	9.7	2.3	319.0	335.5	5.2	54.3
12.6	47.0	4401.4	600.0	3.4	-3.3	259.0	8.4	8.2	1.7	320.1	335.3	5.0	61.4
15.1	50.0	4755.1	575.0	-0.0	-4.7	254.4	6.4	6.2	1.7	320.2	334.3	4.7	70.6
15.3	53.0	5099.8	550.0	-3.3	-7.6	247.7	6.6	6.1	2.5	320.2	332.3	3.9	71.9
16.4	56.1	5458.1	525.0	-3.1	-13.1	245.9	6.2	5.7	2.5	324.7	326.3	6.4	7.6
17.0	59.3	5853.1	500.0	-5.1	-33.3	247.5	5.0	4.6	1.9	326.8	328.4	0.5	8.7
19.3	62.5	6256.1	475.0	-7.7	-32.3	249.3	4.4	4.1	1.6	328.5	330.4	0.5	11.7
20.6	65.6	6671.6	450.0	-11.2	-34.8	249.3	3.7	4.6	3.4	329.2	330.8	0.4	12.0
22.4	69.3	7103.1	425.0	-13.6	-41.8	226.6	7.4	8.4	5.1	331.0	331.8	0.2	7.5
23.2	72.7	7504.7	400.0	-17.6	-41.8	234.3	6.2	6.7	4.8	332.1	333.1	0.2	10.6
25.1	76.4	8344.3	375.0	-21.2	-42.5	233.0	10.7	8.5	6.4	333.6	334.5	0.2	12.6
27.9	80.3	8553.9	350.0	-23.7	-46.6	235.6	15.4	16.0	10.9	336.9	337.5	0.2	10.6
29.6	84.2	9090.4	325.0	-25.5	-47.4	242.6	31.2	27.7	14.4	341.5	342.2	0.2	10.8
31.8	88.3	9608.5	300.0	-28.7	-49.7	250.8	30.1	32.2	11.2	344.9	345.5	0.1	11.1
33.0	92.7	10284.2	275.0	-34.5	-53.9	255.7	35.9	35.0	9.1	345.3	345.7	0.1	11.7
36.8	97.4	10442.7	250.0	-39.6	-59.9	252.5	35.6	37.8	11.4	347.2	349.6	99.9	99.9
39.5	102.2	11656.8	225.0	-43.6	-66.6	249.8	45.6	42.0	15.8	351.7	349.9	99.9	99.9
42.5	107.4	12436.4	200.0	-50.5	-69.9	249.2	43.4	40.6	15.4	352.6	349.9	99.9	99.9
45.9	113.0	14291.6	175.0	-57.6	-69.9	256.7	41.2	41.2	9.7	354.9	349.9	99.9	99.9
48.6	119.3	16251.8	150.0	-63.4	-69.9	259.1	37.0	31.4	6.1	361.0	349.9	99.9	99.9
53.6	126.0	15327.6	125.0	-67.8	-69.9	248.6	28.1	24.3	9.5	372.2	349.9	99.9	99.9
58.3	133.5	16761.3	100.0	-68.0	-69.9	99.9	99.9	99.9	99.9	366.4	349.9	99.9	99.9
59.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
59.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
59.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 39  
 WICHITA FALLS, TEXAS

 7 JUNE 1979  
 1710 GM

117 126. 3

TIME MIN	CHTCY	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	POT T DEG K	Q POT T DEG K	WX STD GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	10.2	302.0	501.9	32.0	20.3	190.0	0.7	1.5	0.6	307.9	350.0	350.0	15.7	50.0	0.0	0.
00.0	99.0	99.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.0	99.0	99.0	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.5	11.7	479.3	950.0	29.9	21.5	187.6	14.4	1.0	14.3	307.6	354.7	354.7	17.3	60.0	0.4	10.
1.0	14.1	717.2	925.0	27.1	20.0	190.2	13.3	2.4	13.1	307.0	351.0	351.0	16.2	65.4	0.0	9.
1.6	16.5	959.6	900.0	25.0	18.2	200.5	12.4	4.3	11.6	307.3	347.8	347.8	14.8	66.0	1.2	11.
2.4	18.0	1200.9	875.0	23.6	13.9	215.1	14.7	8.5	12.1	308.3	340.4	340.4	11.6	56.6	1.9	16.
3.2	21.2	1461.7	850.0	25.1	10.7	220.7	15.2	9.9	11.5	312.4	339.7	339.7	9.6	40.5	2.5	23.
3.9	23.7	1723.0	825.0	22.9	8.1	217.8	16.0	9.8	12.6	312.9	336.6	336.6	8.3	38.6	3.2	27.
4.6	26.1	1900.1	800.0	20.4	7.1	215.0	13.6	8.0	11.1	312.9	335.9	335.9	8.0	42.2	3.9	29.
5.7	28.7	2240.8	775.0	18.9	5.0	215.6	11.5	6.7	9.3	314.2	334.0	334.0	7.1	37.7	4.6	24.
6.6	31.2	2545.4	750.0	16.5	4.7	220.6	10.4	6.7	7.9	316.5	333.5	333.5	7.2	45.5	5.2	30.
7.6	33.8	2837.2	725.0	14.1	2.8	217.6	8.8	5.4	7.0	315.1	334.2	334.2	6.5	46.0	5.7	31.
8.6	36.4	3127.5	700.0	11.5	2.8	204.1	7.1	3.5	6.3	315.2	334.9	334.9	6.7	56.9	6.2	32.
9.6	39.1	3430.7	675.0	9.4	0.3	216.2	5.2	2.9	4.3	316.2	334.6	334.6	5.8	52.0	6.6	31.
10.6	41.9	3742.6	650.0	6.1	0.7	231.3	4.1	3.2	2.6	315.9	334.2	334.2	6.2	67.9	6.9	32.
11.7	44.7	4063.4	625.0	4.5	-0.5	235.2	4.2	3.5	2.4	317.6	329.1	329.1	3.8	44.0	7.1	33.
12.8	47.5	4348.7	600.0	2.5	-11.7	238.6	5.4	4.6	2.8	319.0	327.2	327.2	2.6	34.1	7.4	34.
14.0	50.4	4737.9	575.0	0.9	-18.0	233.5	5.9	4.8	3.5	321.1	326.1	326.1	1.5	21.4	7.8	35.
15.1	53.4	5093.7	550.0	-1.4	-17.2	225.2	5.0	3.6	3.6	322.4	324.3	324.3	1.6	29.0	8.1	36.
16.3	56.4	5462.5	525.0	-4.1	-19.4	221.7	6.5	4.3	4.0	323.5	324.7	324.7	1.2	29.5	8.5	36.
17.6	59.5	5845.9	500.0	-5.8	-23.3	224.9	8.2	5.8	5.8	326.0	329.9	329.9	1.2	21.4	9.1	36.
18.3	62.4	6248.1	475.0	-7.1	-27.5	234.5	7.7	6.3	4.5	327.9	330.0	330.0	0.8	19.2	9.7	37.
20.0	66.0	6663.6	450.0	-10.6	-34.1	234.0	8.5	7.0	4.7	329.9	331.6	331.6	0.5	12.3	10.2	39.
21.5	69.4	7101.0	425.0	-13.7	-38.2	234.9	11.0	9.0	6.4	331.4	332.6	332.6	0.3	10.5	11.0	39.
23.0	73.0	7558.1	400.0	-17.1	-40.6	238.3	16.7	16.2	8.6	332.8	333.9	333.9	0.3	10.8	12.1	41.
24.6	76.6	8041.4	375.0	-18.7	-40.2	232.5	24.3	19.2	13.8	336.8	337.9	337.9	0.3	13.0	14.1	43.
26.1	80.3	8555.0	350.0	-19.6	-43.0	236.2	29.1	24.2	16.2	342.3	343.2	343.2	0.2	9.4	16.9	45.
28.3	84.2	9109.0	325.0	-24.5	-47.3	242.7	30.5	27.1	14.0	342.9	343.5	343.5	0.2	9.9	20.2	47.
30.1	88.3	9677.3	300.0	-29.6	-47.6	242.0	32.9	29.1	15.4	343.7	344.2	344.2	0.1	12.2	23.5	50.
32.0	92.7	10291.9	275.0	-34.5	-50.1	239.5	34.5	29.7	17.5	345.2	345.6	345.6	0.1	13.0	27.5	51.
34.2	97.3	10950.9	250.0	-37.1	-56.6	237.5	37.7	31.8	20.2	347.9	348.2	348.2	0.1	13.1	32.0	52.
36.7	102.2	11665.5	225.0	-33.7	-59.9	234.3	39.9	32.4	23.3	351.5	351.9	351.9	99.9	99.9	37.4	53.
38.7	107.4	12445.4	200.0	-50.2	-59.9	231.0	36.0	28.0	22.7	353.3	353.9	353.9	99.9	99.9	42.4	53.
41.3	113.3	13302.6	175.0	-57.7	-59.9	234.2	33.3	27.0	19.5	354.8	354.8	354.8	99.9	99.9	47.9	53.
43.9	119.5	14259.1	150.0	-64.3	-59.9	99.9	99.9	99.9	99.9	359.4	359.4	359.4	99.9	99.9	53.0	53.
46.0	99.9	99.0	125.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
48.4	99.9	99.0	100.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
50.9	99.9	99.0	75.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
53.4	99.9	99.0	50.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
55.9	99.9	99.0	25.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERAT E OR TIME HAVE BEEN INTERPOLATED


\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG


## APPROVAL

## AVE-SESAME VI: 25-mb Sounding Data

By Meta E. Sienkiewicz, Luke P. Gilchrist,  
and Robert E. Turner

The information in this report has been reviewed for technical content. Review of any information concerning Department of Defense or nuclear energy activities or programs has been made by the MSFC Security Classification Officer. This report, in its entirety, has been determined to be unclassified.

  
WILLIAM W. VAUGHAN  
Chief, Atmospheric Sciences Division

  
CHARLES A. LUNDQUIST  
Director, Space Sciences Laboratory